

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
 Data File : BP009183.D
 Acq On : 16 Feb 2022 17:44
 Operator : CG/JU
 Sample : N1552-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Quant Time: Feb 17 01:59:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:30:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

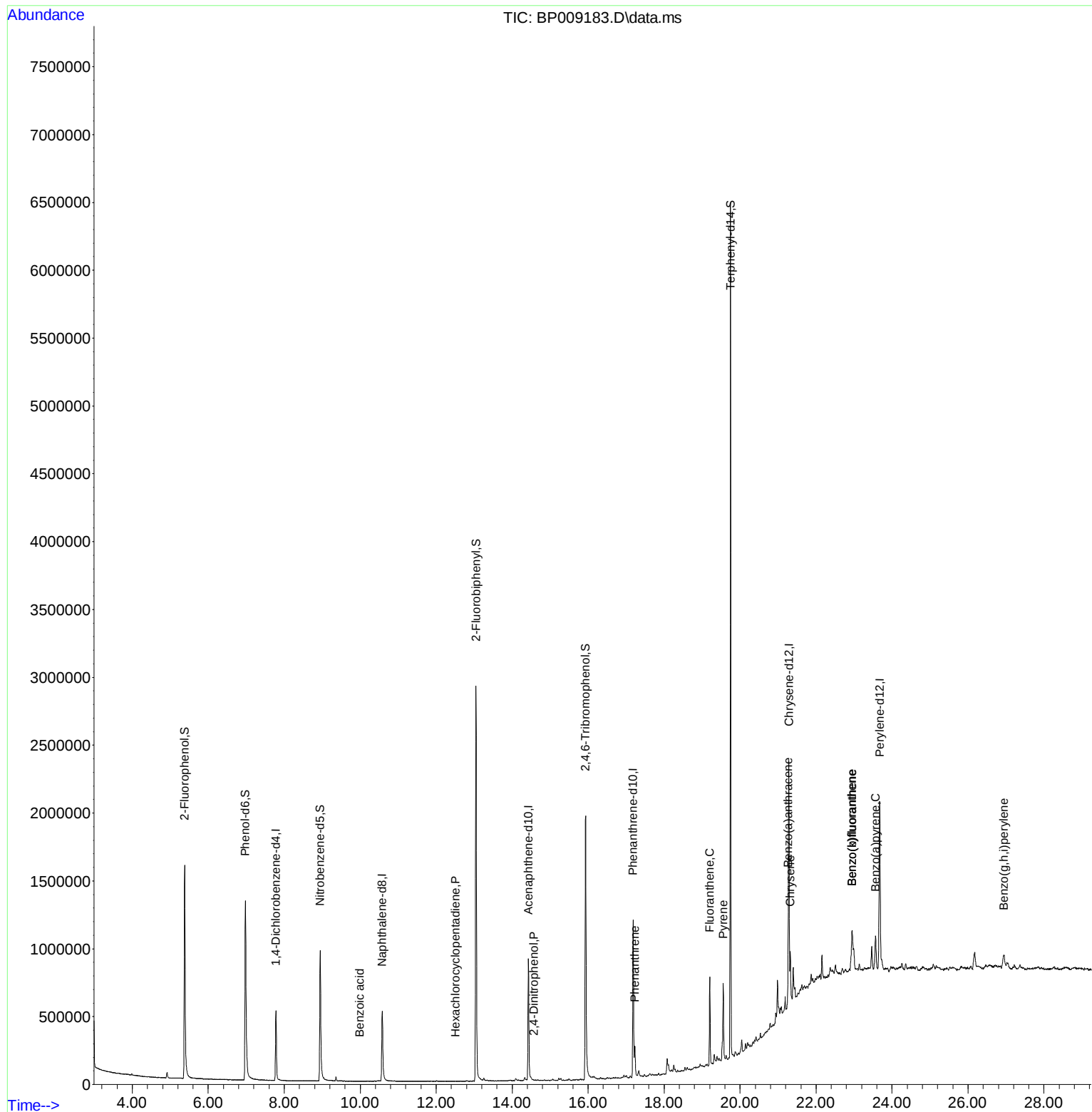
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	167193	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	578796	20.000	ng	0.00
39) Acenaphthene-d10	14.428	164	377011	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	802229	20.000	ng	0.00
76) Chrysene-d12	21.286	240	871756	20.000	ng	0.00
86) Perylene-d12	23.674	264	999199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	883882	94.303	ng	0.00
7) Phenol-d6	6.975	99	1110722	89.935	ng	0.00
23) Nitrobenzene-d5	8.946	82	704133	68.606	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	536327	106.546	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	1857536	68.973	ng	0.00
79) Terphenyl-d14	19.751	244	3051511	62.949	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	9.993	122	24	2.693	ng	# 1
41) Hexachlorocyclopentadiene	12.516	237	39	8.664	ng	83
54) 2,4-Dinitrophenol	14.581	184	29	2.179	ng	# 1
71) Phenanthrene	17.233	178	154543	3.558	ng	100
75) Fluoranthene	19.204	202	407872	8.378	ng	97
78) Pyrene	19.557	202	363425	5.860	ng	97
81) Benzo(a)anthracene	21.268	228	223975	3.987	ng	98
83) Chrysene	21.321	228	202818	3.745	ng	97
88) Benzo(b)fluoranthene	22.951	252	294709	4.791	ng	# 97
89) Benzo(k)fluoranthene	22.951	252	294709	4.802	ng	# 97
90) Benzo(a)pyrene	23.568	252	208619	4.068	ng	# 96
92) Benzo(g,h,i)perylene	26.939	276	143375	2.360	ng	97

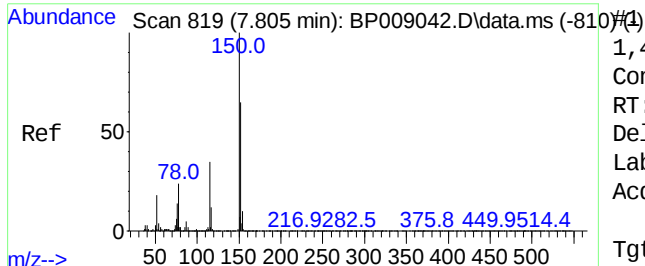
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
Data File : BP009183.D
Acq On : 16 Feb 2022 17:44
Operator : CG/JU
Sample : N1552-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Time: Feb 17 01:59:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:30:24 2022
Response via : Initial Calibration

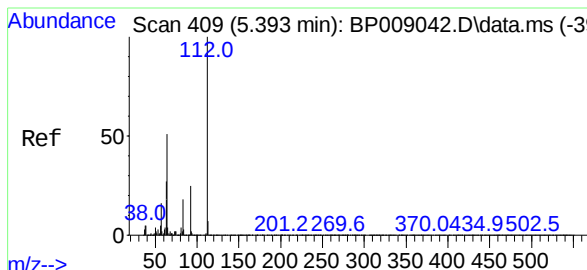
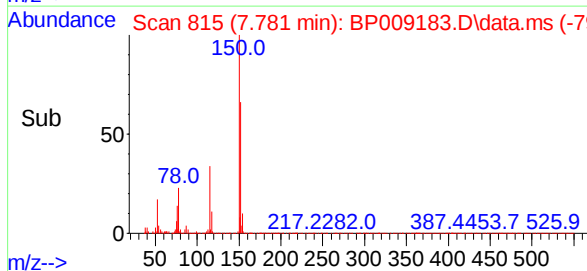
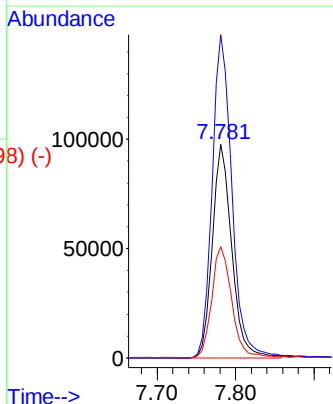
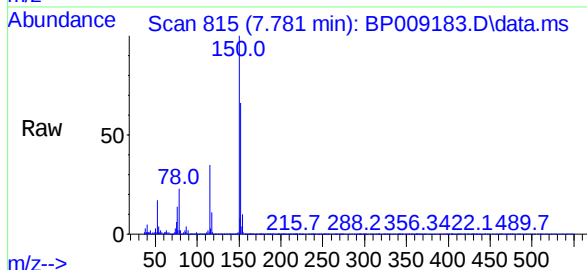




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.781 min Scan# 819
 Delta R.T. -0.000 min
 Lab File: BP009183.D
 Acq: 16 Feb 2022 17:44

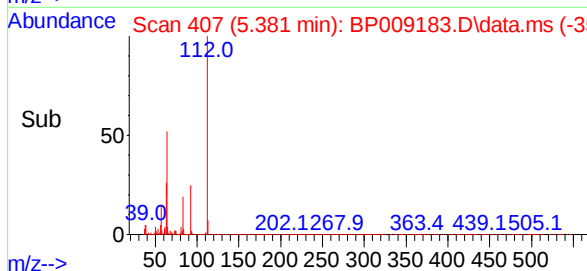
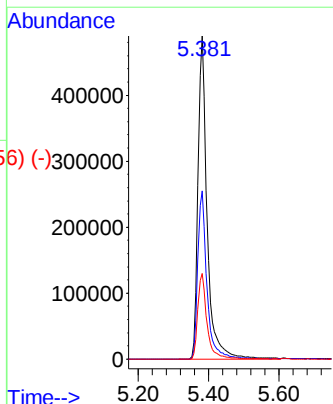
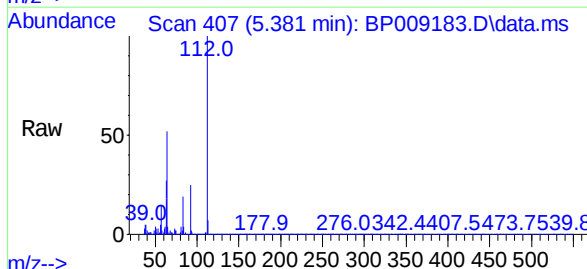
Instrument :
 BNA_P
 ClientSampleId :
 TP-2

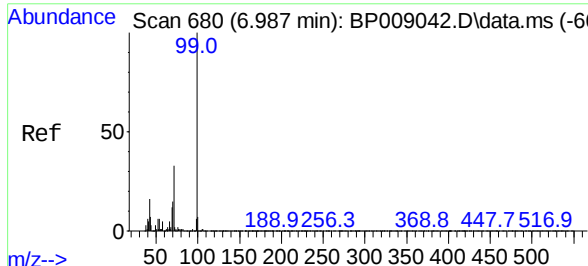
Tgt Ion:152 Resp: 167193
 Ion Ratio Lower Upper
 152 100
 150 151.2 127.0 190.6
 115 52.2 43.7 65.5



2-Fluorophenol
 Concen: 94.303 ng
 RT: 5.381 min Scan# 407
 Delta R.T. -0.000 min
 Lab File: BP009183.D
 Acq: 16 Feb 2022 17:44

Tgt Ion:112 Resp: 883882
 Ion Ratio Lower Upper
 112 100
 64 52.0 39.7 59.5
 63 26.5 20.0 30.0

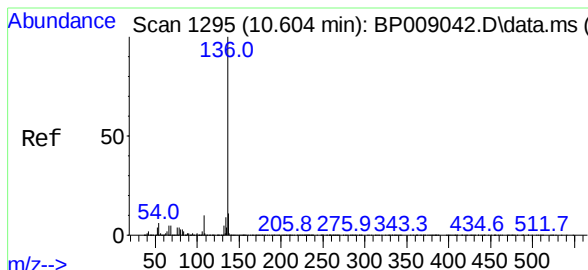
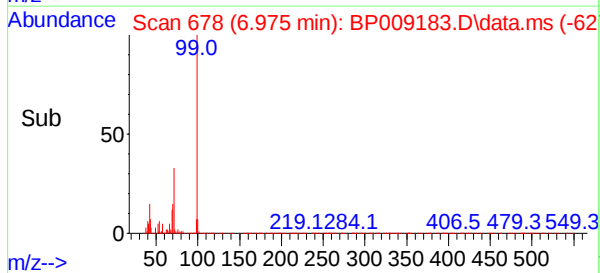
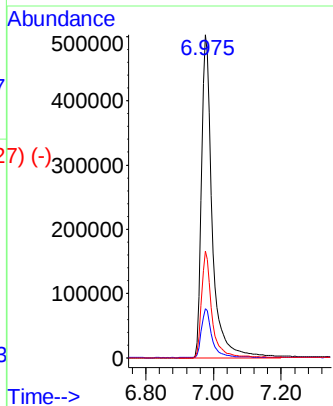
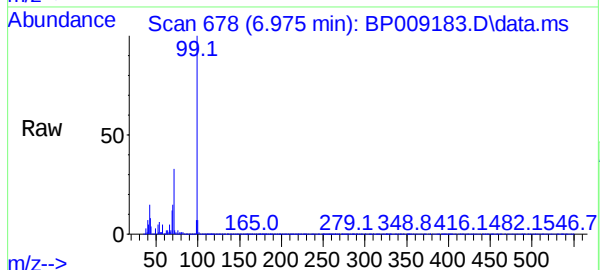




Phenol-d6
 Concen: 89.935 ng
 RT: 6.975 min Scan# 1110722
 Delta R.T. -0.000 min
 Lab File: BP009183.D
 Acq: 16 Feb 2022 17:44

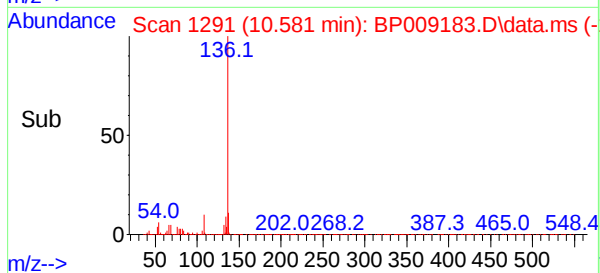
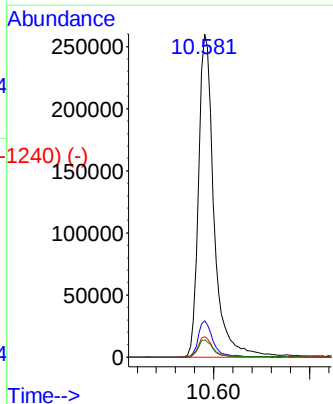
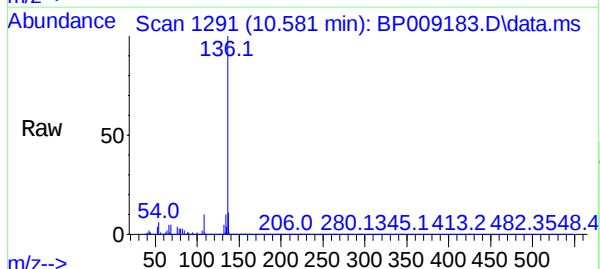
Instrument :
 BNA_P
 ClientSampleId :
 TP-2

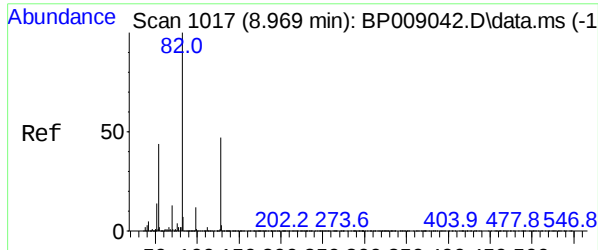
Tgt Ion:	99	Resp:	1110722
Ion	Ratio	Lower	Upper
99	100		
42	15.2	10.8	16.2
71	33.1	23.8	35.6



Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.581 min Scan# 1291
 Delta R.T. -0.000 min
 Lab File: BP009183.D
 Acq: 16 Feb 2022 17:44

Tgt Ion:	136	Resp:	578796
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	6.4	4.9	7.3
68	5.3	4.3	6.5





Nitrobenzene-d5

Concen: 68.606 ng

RT: 8.946 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BP009183.D

Acq: 16 Feb 2022 17:44

Instrument :

BNA_P

ClientSampleId :

TP-2

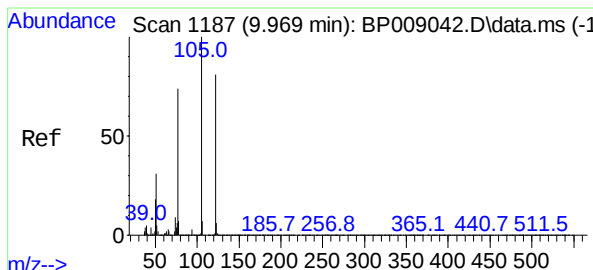
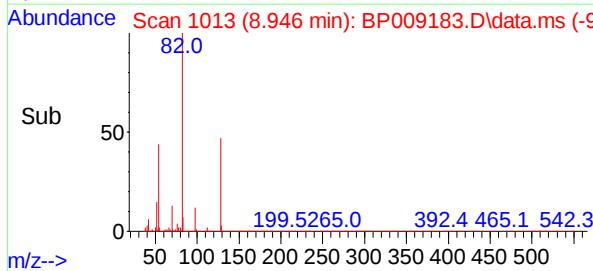
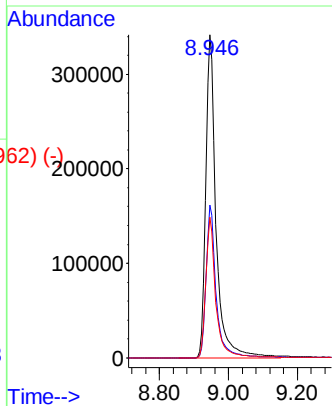
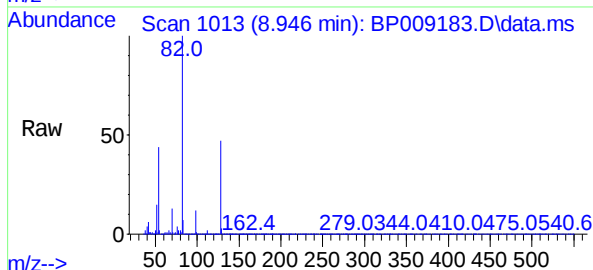
Tgt Ion: 82 Resp: 704133

Ion Ratio Lower Upper

82 100

128 47.4 39.4 59.2

54 43.5 32.6 48.8



Benzoic acid

Concen: 2.693 ng

RT: 9.993 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BP009183.D

Acq: 16 Feb 2022 17:44

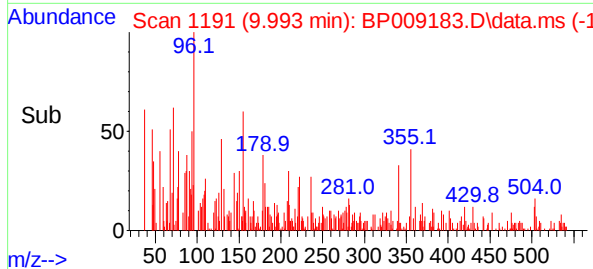
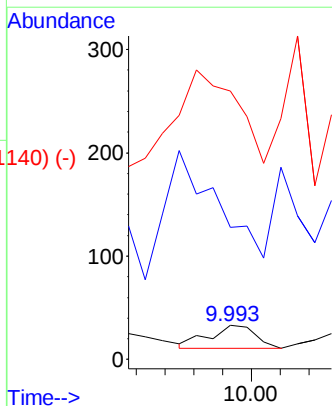
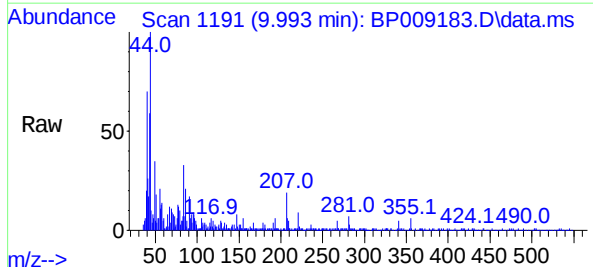
Tgt Ion: 122 Resp: 24

Ion Ratio Lower Upper

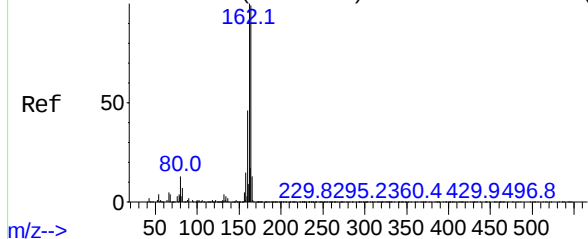
122 100

105 387.9 100.1 140.1#

77 787.9 65.5 105.5#



Abundance Scan 1948 (14.445 min): BP009042.D\data.ms (-189) (-)



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.428 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP009183.D

Acq: 16 Feb 2022 17:44

Instrument :

BNA_P

ClientSampleId :

TP-2

Tgt Ion:164 Resp: 377011

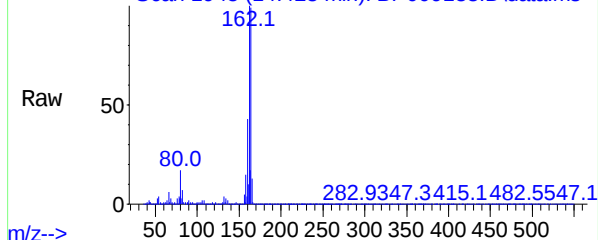
Ion Ratio Lower Upper

164 100

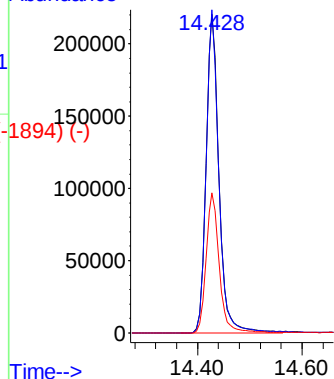
162 101.3 79.9 119.9

160 44.0 35.5 53.3

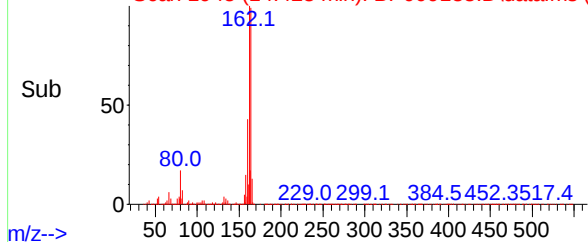
Abundance Scan 1945 (14.428 min): BP009183.D\data.ms



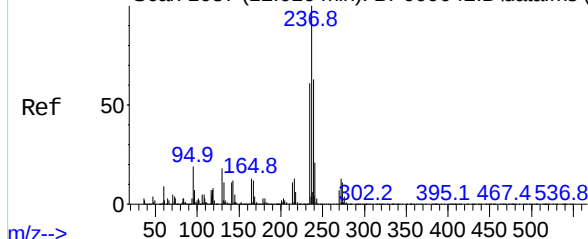
Abundance



Abundance Scan 1945 (14.428 min): BP009183.D\data.ms (-1894) (-)



Abundance Scan 1637 (12.616 min): BP009042.D\data.ms (-1620) (-)



Hexachlorocyclopentadiene

Concen: 8.664 ng

RT: 12.516 min Scan# 1620

Delta R.T. -0.076 min

Lab File: BP009183.D

Acq: 16 Feb 2022 17:44

Tgt Ion:237 Resp: 39

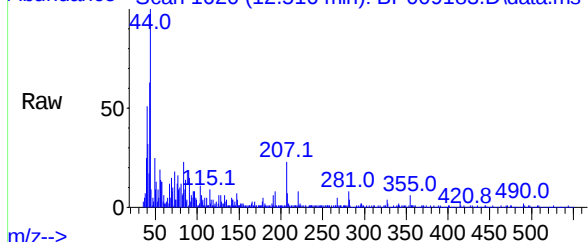
Ion Ratio Lower Upper

237 100

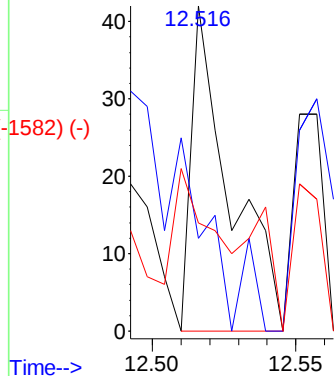
235 54.8 42.9 82.9

272 33.3 0.0 33.8

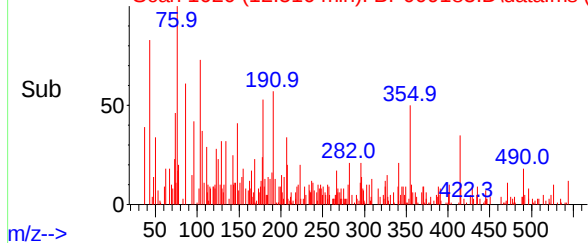
Abundance Scan 1620 (12.516 min): BP009183.D\data.ms



Abundance



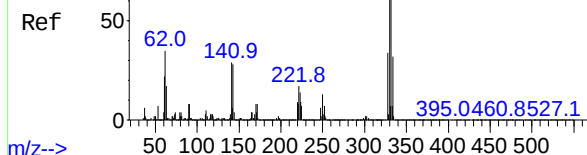
Abundance Scan 1620 (12.516 min): BP009183.D\data.ms (-1582) (-)



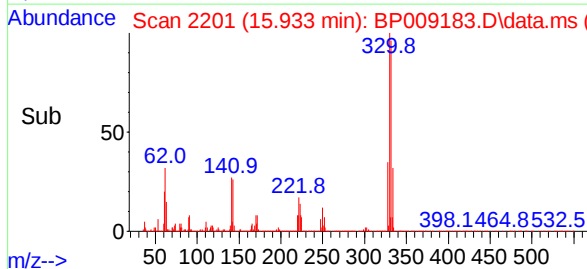
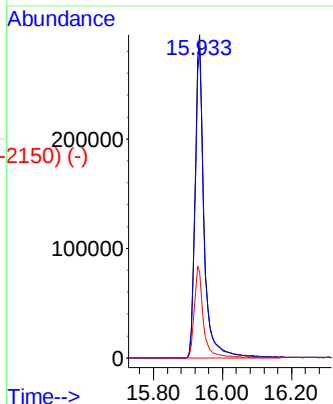
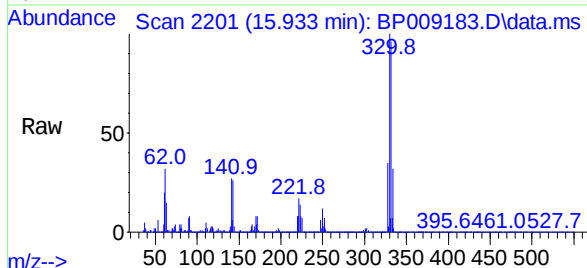
Abundance Scan 2203 (15.945 min): BP009042.D\data.ms (-2150) (-)

2,4,6-Tribromophenol
Concen: 106.546 ng
RT: 15.933 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

Instrument :
BNA_P
ClientSampleId :
TP-2

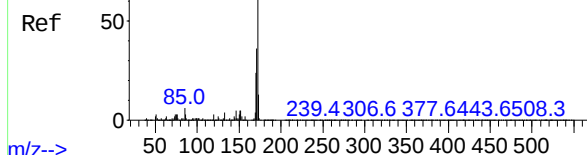


Tgt Ion:	330	Resp:	536327
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.4
141	28.4	21.3	31.9

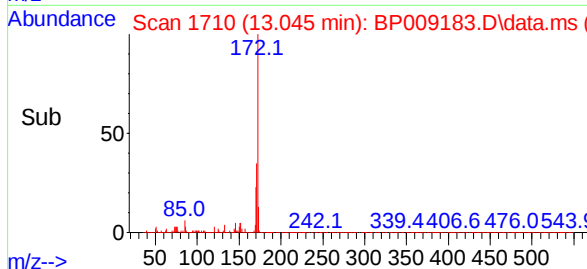
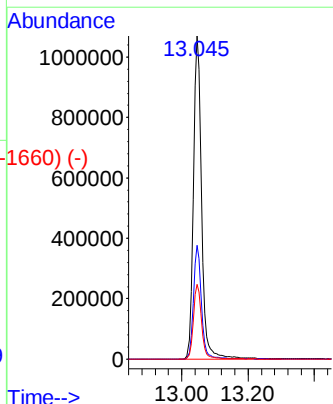
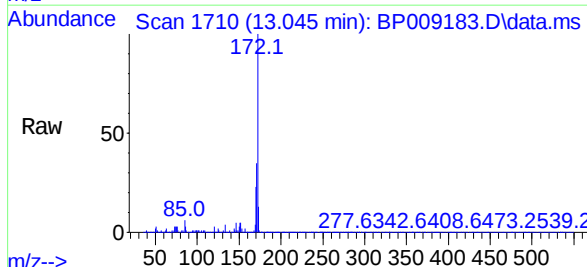


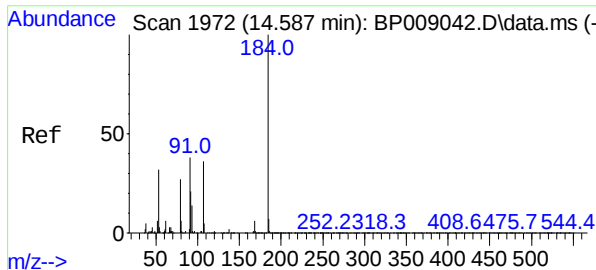
Abundance Scan 1714 (13.069 min): BP009042.D\data.ms (-1705) (-)

2-Fluorobiphenyl
Concen: 68.973 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44



Tgt Ion:	172	Resp:	1857536
Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.3	43.9
170	23.2	19.5	29.3

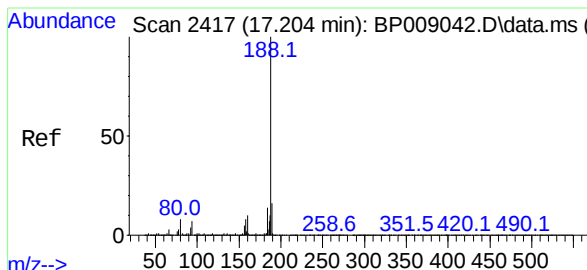
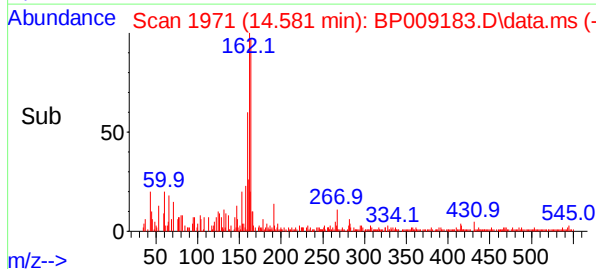
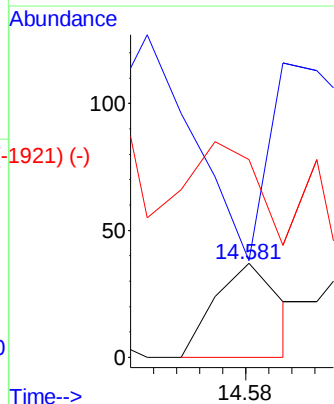
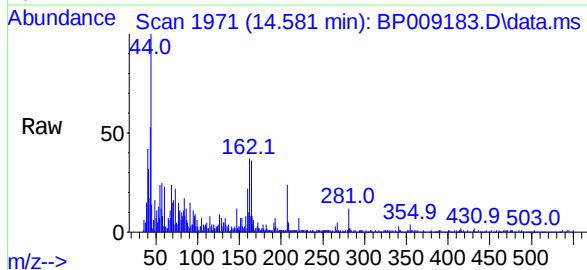




2,4-Dinitrophenol
Concen: 2.179 ng
RT: 14.581 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

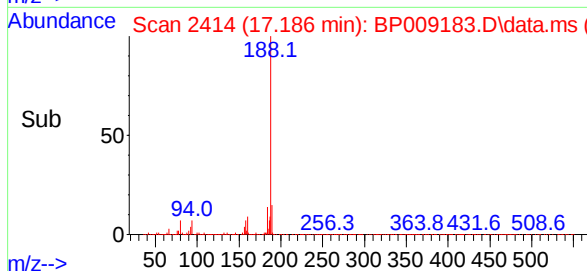
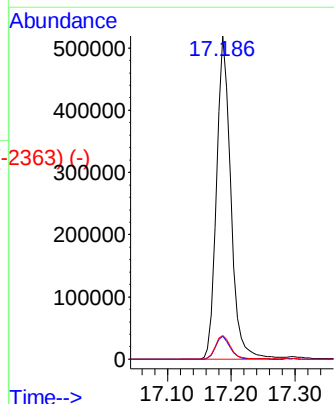
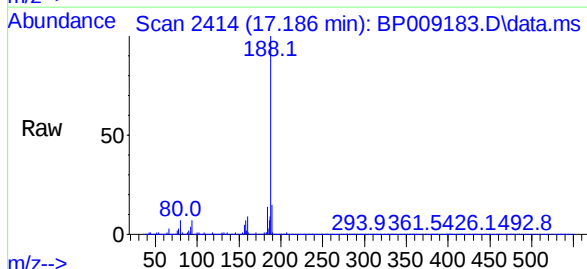
Instrument :
BNA_P
ClientSampleId :
TP-2

Tgt Ion:	184	Resp:	29
Ion	Ratio	Lower	Upper
184	100		
63	102.7	35.6	53.4#
154	210.8	43.4	65.0#

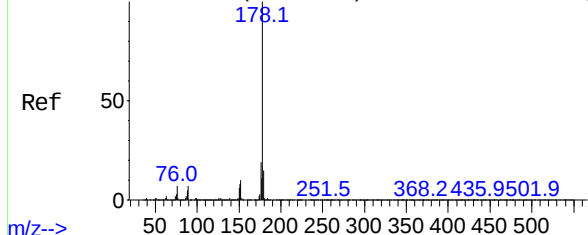


Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

Tgt Ion:	188	Resp:	802229
Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.8	10.2
80	7.3	7.2	10.8



Abundance Scan 2424 (17.245 min): BP009042.D\data.ms (-24172) (-)



Phenanthrene

Concen: 3.558 ng

RT: 17.233 min Scan# 24172

Delta R.T. -0.000 min

Lab File: BP009183.D

Acq: 16 Feb 2022 17:44

Instrument :

BNA_P

ClientSampleId :

TP-2

Tgt Ion:178 Resp: 154543

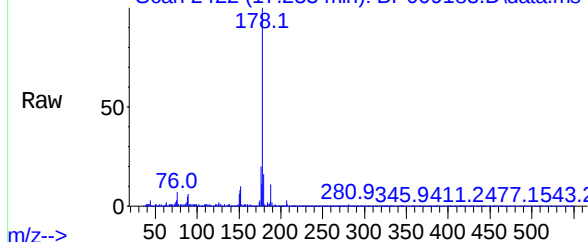
Ion Ratio Lower Upper

178 100

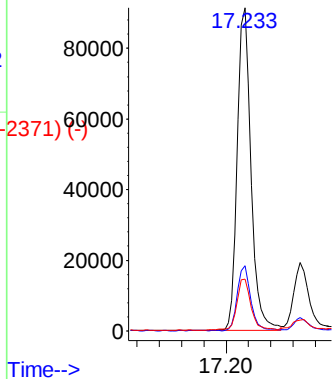
176 20.1 16.0 24.0

179 15.9 13.0 19.4

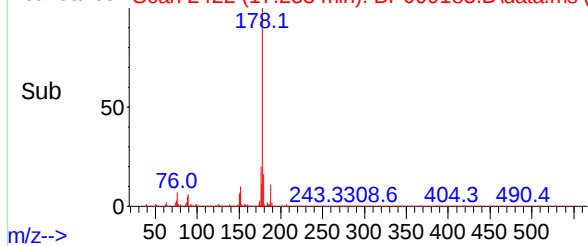
Abundance Scan 2422 (17.233 min): BP009183.D\data.ms



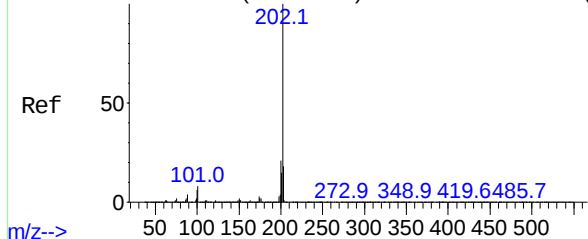
Abundance



Abundance Scan 2422 (17.233 min): BP009183.D\data.ms (-2371) (-)



Abundance Scan 2760 (19.222 min): BP009042.D\data.ms (-2753) (-)



Fluoranthene

Concen: 8.378 ng

RT: 19.204 min Scan# 2757

Delta R.T. -0.000 min

Lab File: BP009183.D

Acq: 16 Feb 2022 17:44

Tgt Ion:202 Resp: 407872

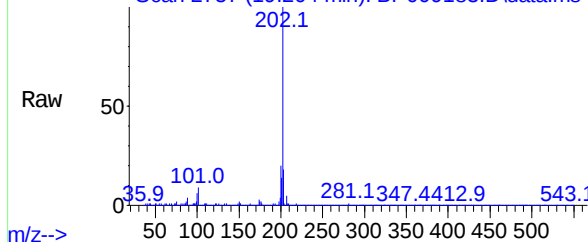
Ion Ratio Lower Upper

202 100

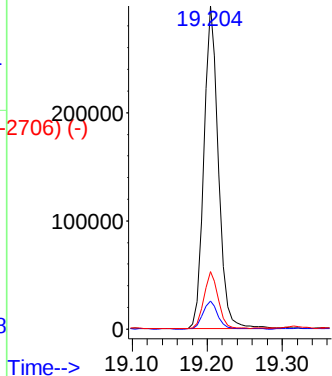
101 8.7 0.0 30.7

203 17.9 0.0 38.9

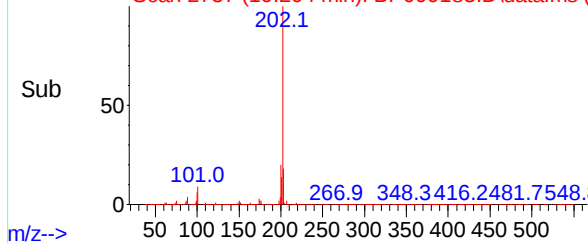
Abundance Scan 2757 (19.204 min): BP009183.D\data.ms

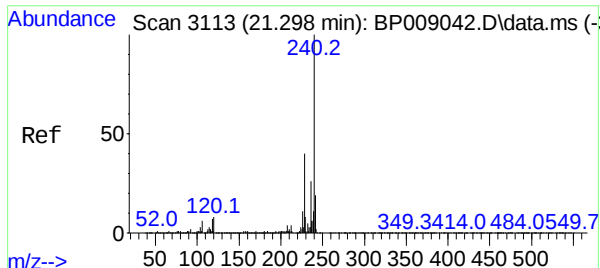


Abundance



Abundance Scan 2757 (19.204 min): BP009183.D\data.ms (-2706) (-)

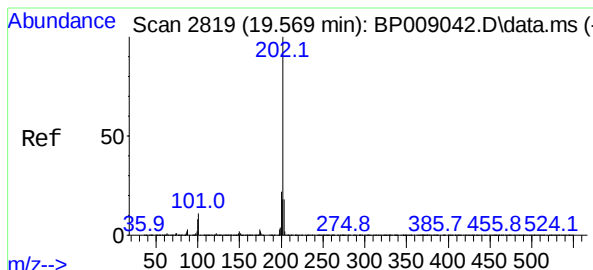
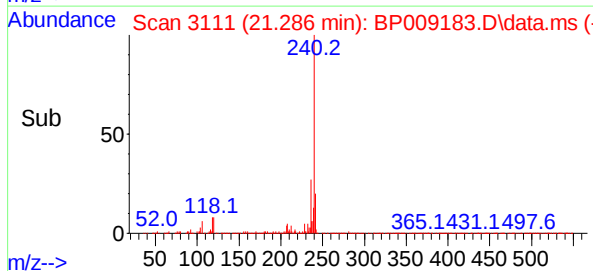
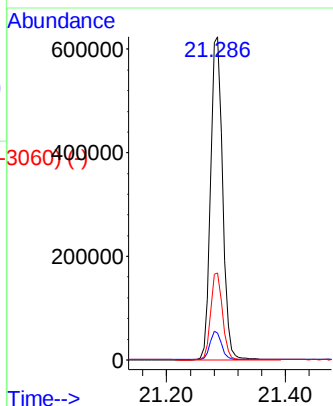
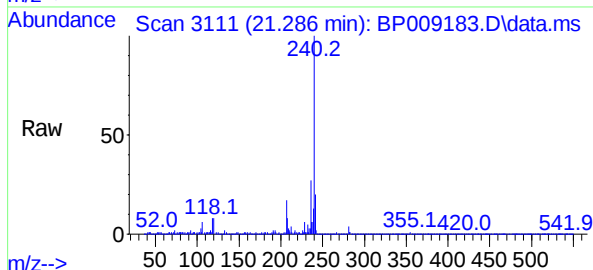




Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

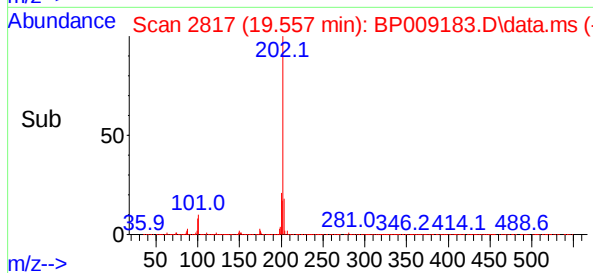
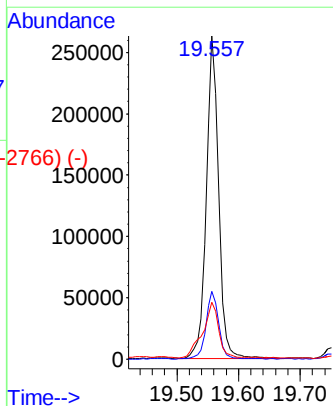
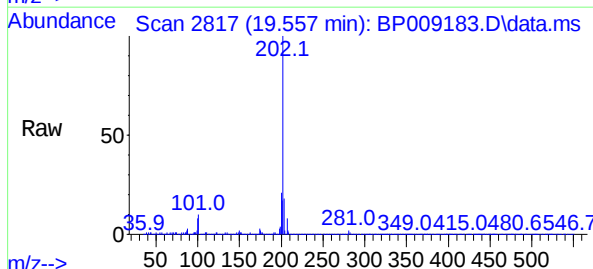
Instrument :
BNA_P
ClientSampleId :
TP-2

Tgt Ion:	240	Resp:	871756
Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.7	11.5
236	26.9	21.2	31.8



Pyrene
Concen: 5.860 ng
RT: 19.557 min Scan# 2817
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

Tgt Ion:	202	Resp:	363425
Ion	Ratio	Lower	Upper
202	100		
200	20.9	18.0	27.0
203	17.7	15.0	22.6



Abundance Scan 2853 (19.769 min): BP009042.D\data.ms (-2853) (-)

Terphenyl-d14

Concen: 62.949 ng

RT: 19.751 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP009183.D

Acq: 16 Feb 2022 17:44

Instrument :

BNA_P

ClientSampleId :

TP-2

Tgt Ion:244 Resp: 3051511

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

122 8.1 9.2 13.8#

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance Scan 2850 (19.751 min): BP009183.D\data.ms

m/z-->

Abundance

19.751

2000000

1500000

1000000

500000

0

19.60 19.80 20.00

Time-->

Abundance Scan 3110 (21.280 min): BP009042.D\data.ms (-3110) (-)

Benzo(a)anthracene

Concen: 3.987 ng

RT: 21.268 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BP009183.D

Acq: 16 Feb 2022 17:44

Tgt Ion:228 Resp: 223975

Ion Ratio Lower Upper

228 100

226 28.0 23.3 34.9

229 21.9 17.0 25.6

Abundance Scan 3108 (21.268 min): BP009183.D\data.ms

m/z-->

Abundance Scan 3108 (21.268 min): BP009183.D\data.ms

m/z-->

Abundance Scan 3108 (21.268 min): BP009183.D\data.ms

m/z-->

Abundance Scan 3108 (21.268 min): BP009183.D\data.ms

m/z-->

Abundance Scan 3108 (21.268 min): BP009183.D\data.ms

m/z-->

Abundance Scan 3108 (21.268 min): BP009183.D\data.ms

m/z-->

Abundance Scan 3108 (21.268 min): BP009183.D\data.ms

m/z-->

Abundance Scan 3108 (21.268 min): BP009183.D\data.ms

m/z-->

Abundance Scan 3108 (21.268 min): BP009183.D\data.ms

m/z-->

Abundance Scan 3108 (21.268 min): BP009183.D\data.ms

m/z-->

Abundance Scan 3108 (21.268 min): BP009183.D\data.ms

m/z-->

Abundance Scan 3108 (21.268 min): BP009183.D\data.ms

m/z-->

Abundance Scan 3108 (21.268 min): BP009183.D\data.ms

m/z-->

Abundance Scan 3108 (21.268 min): BP009183.D\data.ms

m/z-->

Abundance Scan 3108 (21.268 min): BP009183.D\data.ms

m/z-->

Abundance Scan 3108 (21.268 min): BP009183.D\data.ms

m/z-->

Abundance Scan 3108 (21.268 min): BP009183.D\data.ms

m/z-->

Abundance

21.268

150000

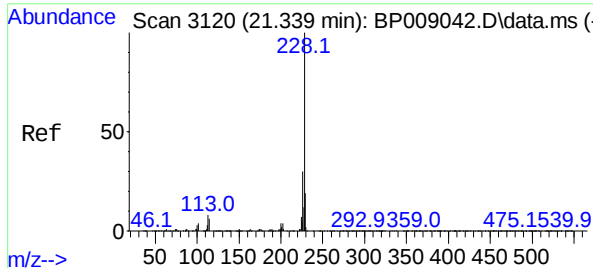
100000

50000

0

21.20 21.30

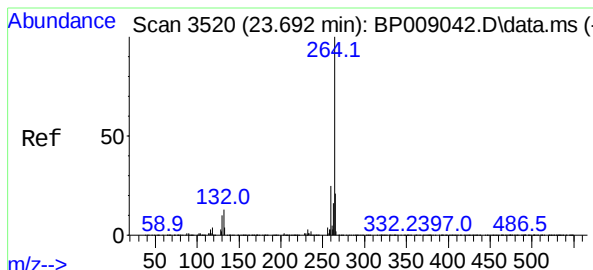
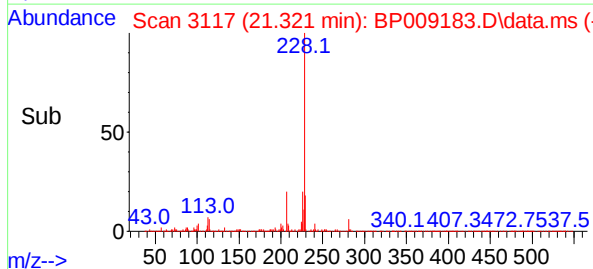
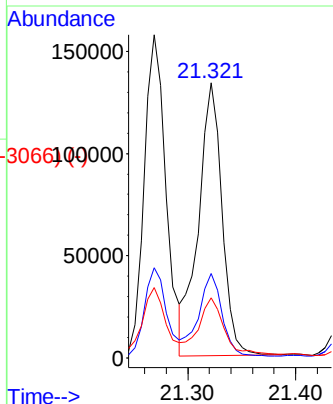
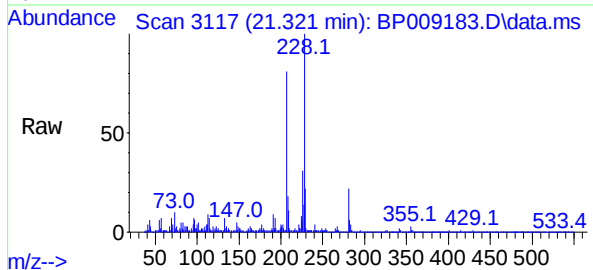
Time-->



#183 (-)
Chrysene
Concen: 3.745 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

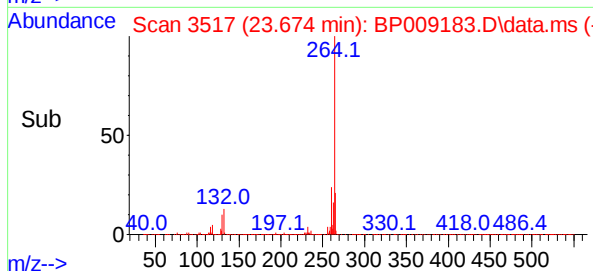
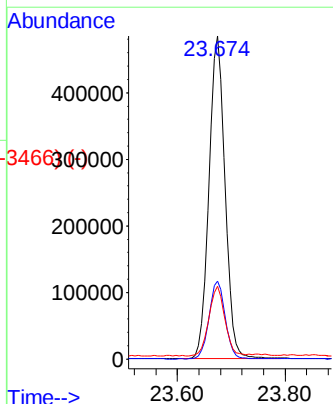
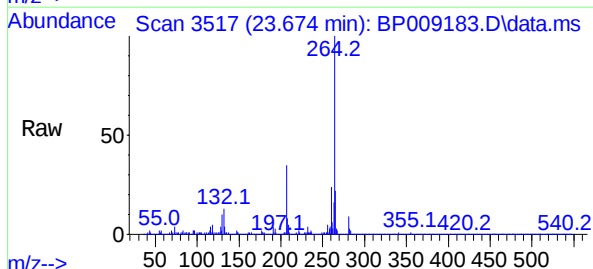
Instrument :
BNA_P
ClientSampleId :
TP-2

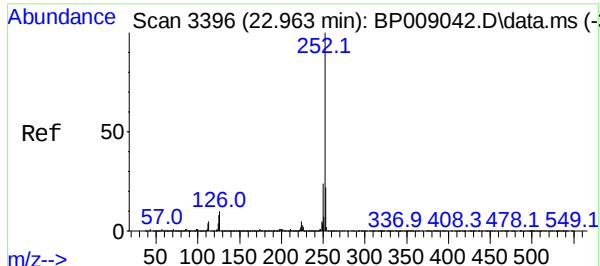
Tgt Ion:	228	Resp:	202818
Ion	Ratio	Lower	Upper
228	100		
226	30.8	26.0	39.0
229	21.9	16.9	25.3



#186 (-)
Perylene-d12
Concen: 20.000 ng
RT: 23.674 min Scan# 3517
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

Tgt Ion:	264	Resp:	999199
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	22.5	17.1	25.7

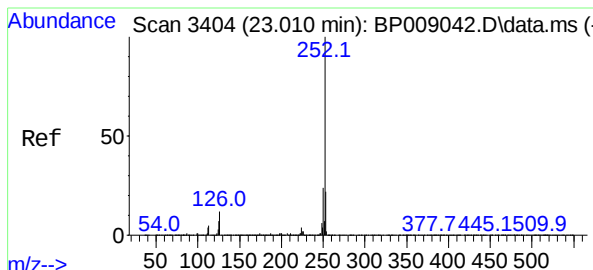
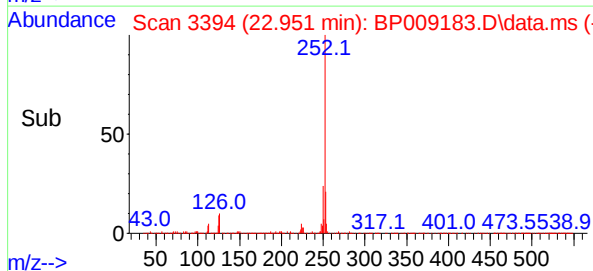
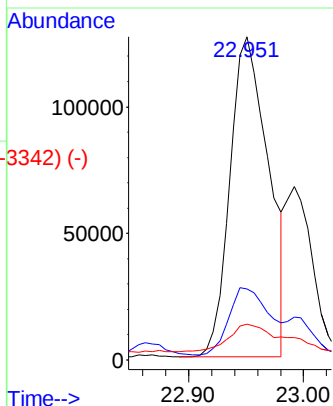
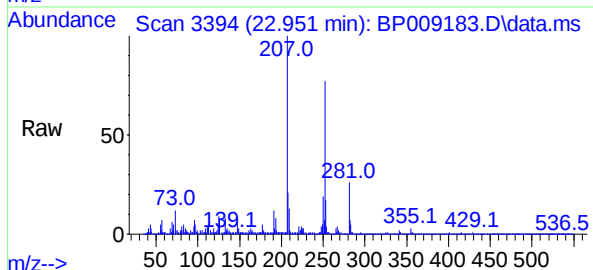




Benzo(b)fluoranthene
 Concen: 4.791 ng
 RT: 22.951 min Scan# 3394
 Delta R.T. 0.006 min
 Lab File: BP009183.D
 Acq: 16 Feb 2022 17:44

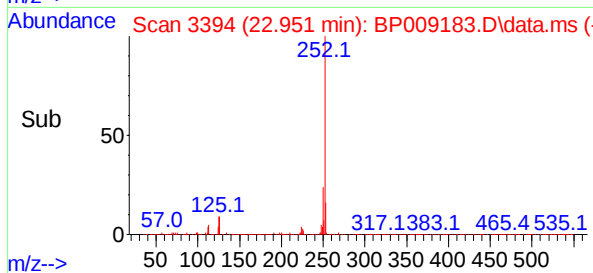
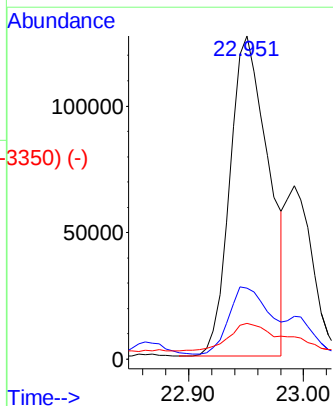
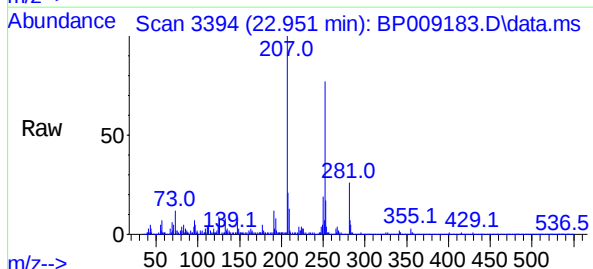
Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Tgt Ion:	252	Resp:	294709
Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	11.1	6.9	10.3#

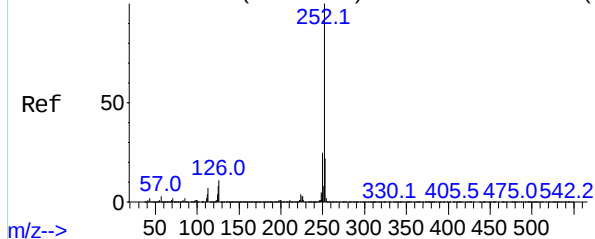


Benzo(k)fluoranthene
 Concen: 4.802 ng
 RT: 22.951 min Scan# 3394
 Delta R.T. -0.041 min
 Lab File: BP009183.D
 Acq: 16 Feb 2022 17:44

Tgt Ion:	252	Resp:	294709
Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	11.1	7.3	10.9#



Abundance Scan 3502 (23.586 min): BP009042.D\data.ms (-3490) (-)



Benzo(a)pyrene

Concen: 4.068 ng

RT: 23.568 min Scan#

Delta R.T. -0.000 min

Lab File: BP009183.D

Acq: 16 Feb 2022 17:44

Instrument :

BNP_P

ClientSampleId :

TP-2

Tgt Ion:252 Resp: 208619

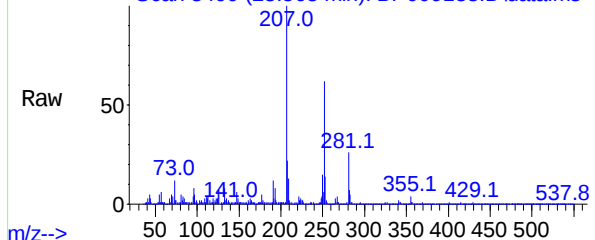
Ion Ratio Lower Upper

252 100

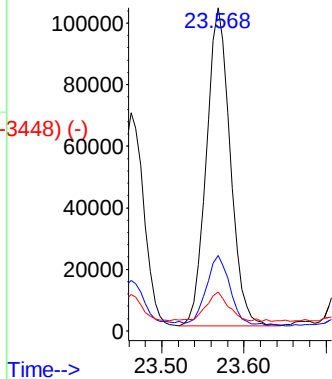
253 23.4 17.8 26.8

125 12.1 7.8 11.6#

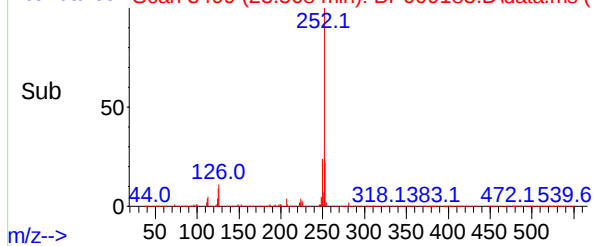
Abundance Scan 3499 (23.568 min): BP009183.D\data.ms



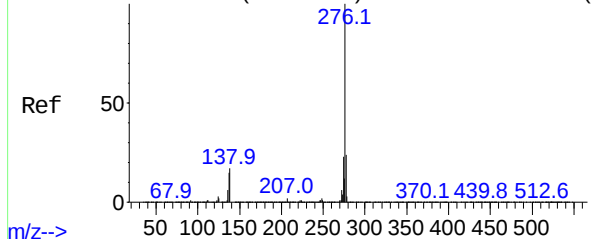
Abundance



Abundance Scan 3499 (23.568 min): BP009183.D\data.ms (-3448) (-)



Abundance Scan 4075 (26.956 min): BP009042.D\data.ms (-4092) (-)



Benzo(g,h,i)perylene

Concen: 2.360 ng

RT: 26.939 min Scan# 4072

Delta R.T. 0.006 min

Lab File: BP009183.D

Acq: 16 Feb 2022 17:44

Tgt Ion:276 Resp: 143375

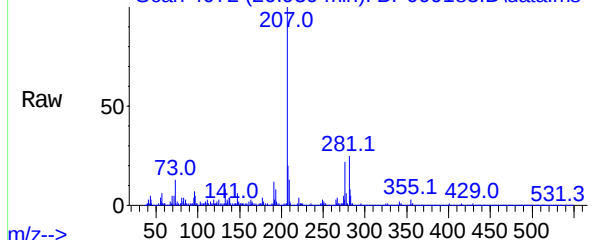
Ion Ratio Lower Upper

276 100

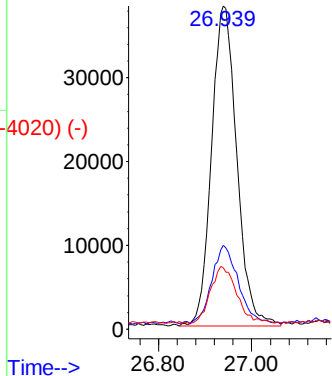
277 26.0 19.2 28.8

138 18.9 15.0 22.4

Abundance Scan 4072 (26.939 min): BP009183.D\data.ms



Abundance



Abundance Scan 4072 (26.939 min): BP009183.D\data.ms (-4020) (-)

