

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
 Data File : BP009190.D
 Acq On : 16 Feb 2022 21:38
 Operator : CG/JU
 Sample : N1532-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 17 02:07:30 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)

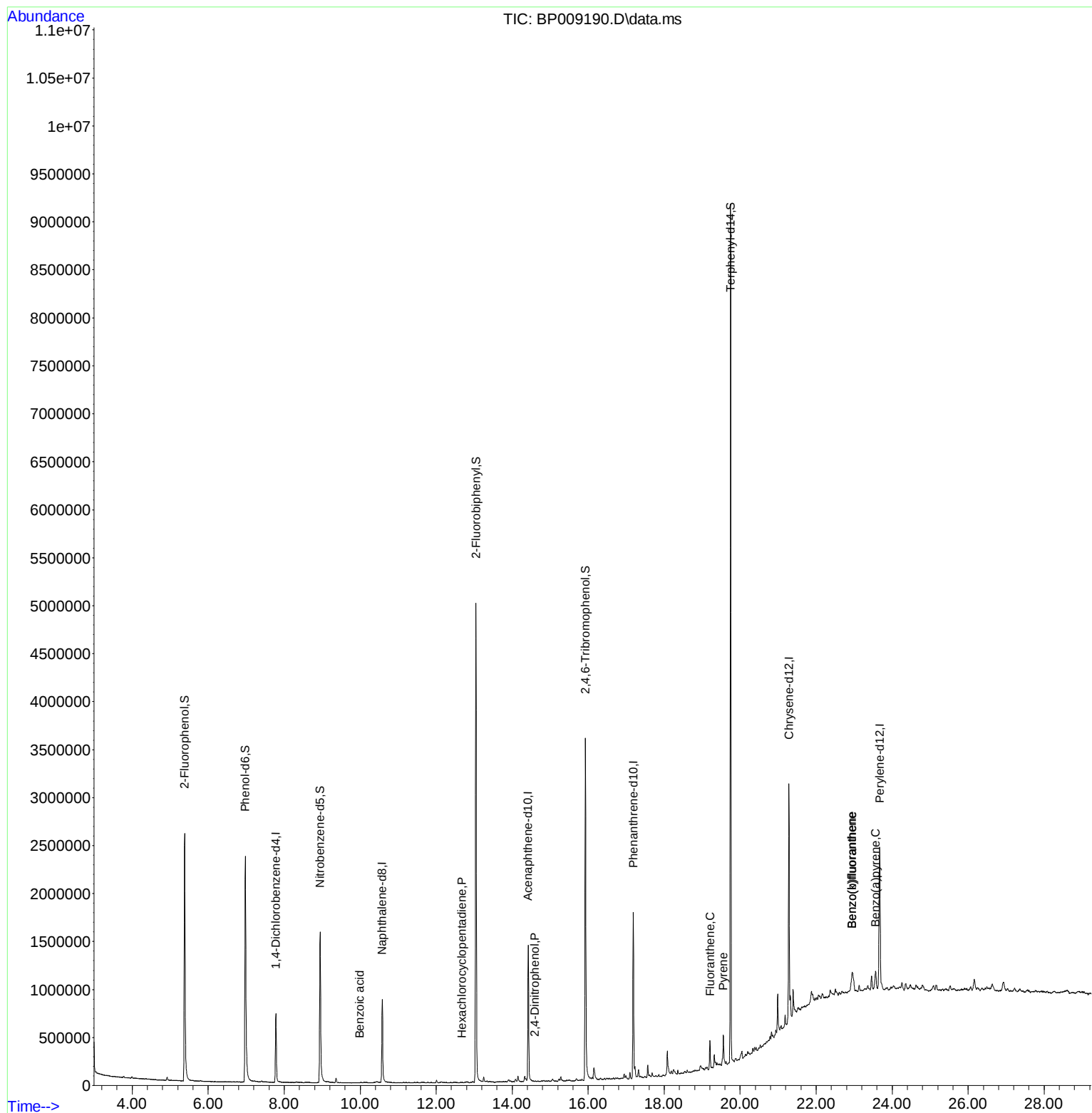
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	230365	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	878915	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	566333	20.000	ng	0.00
64) Phenanthrene-d10	17.187	188	1153098	20.000	ng	0.00
76) Chrysene-d12	21.280	240	1159416	20.000	ng	0.00
86) Perylene-d12	23.669	264	1235553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1420921	110.027	ng	0.00
7) Phenol-d6	6.975	99	1767954	103.895	ng	0.00
23) Nitrobenzene-d5	8.946	82	1102373	70.731	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	869446	114.982	ng	0.00
45) 2-Fluorobiphenyl	13.046	172	2955676	73.060	ng	0.00
79) Terphenyl-d14	19.745	244	4361558	67.651	ng	0.00
Target Compounds						
32) Benzoic acid	9.987	122	90	2.700	ng	Qvalue 1
41) Hexachlorocyclopentadiene	12.675	237	30	8.660	ng	80
54) 2,4-Dinitrophenol	14.593	184	35	2.176	ng	# 1
75) Fluoranthene	19.204	202	188473	2.693	ng	97
78) Pyrene	19.551	202	206003	2.498	ng	97
88) Benzo(b)fluoranthene	22.945	252	268988	3.536	ng	# 94
89) Benzo(k)fluoranthene	22.945	252	268988	3.545	ng	# 95
90) Benzo(a)pyrene	23.563	252	156001	2.460	ng	# 91

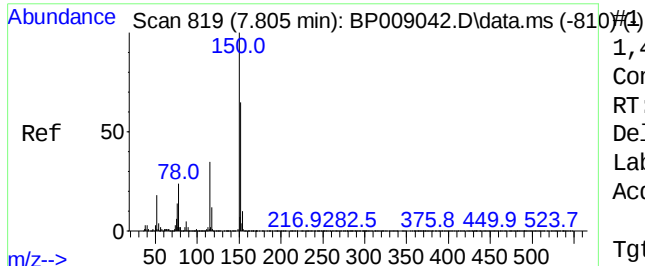
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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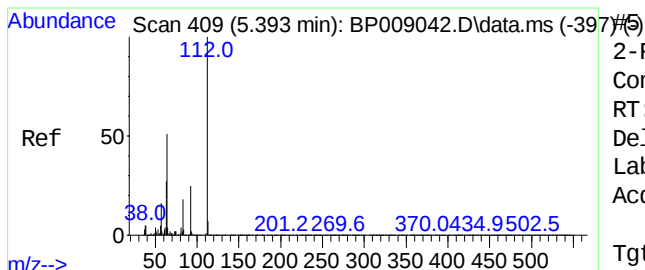
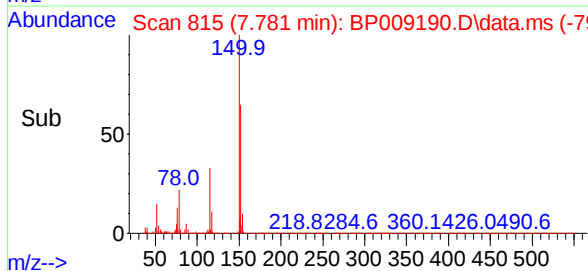
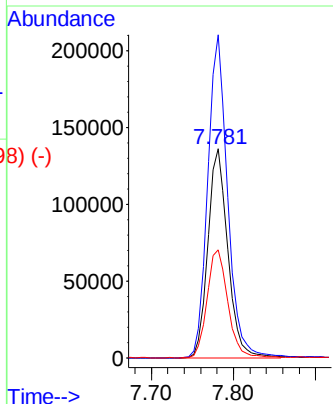
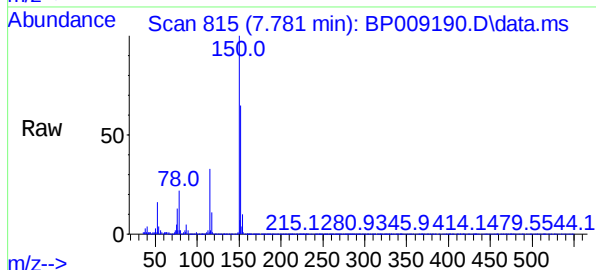




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.781 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: BP009190.D
 Acq: 16 Feb 2022 21:38

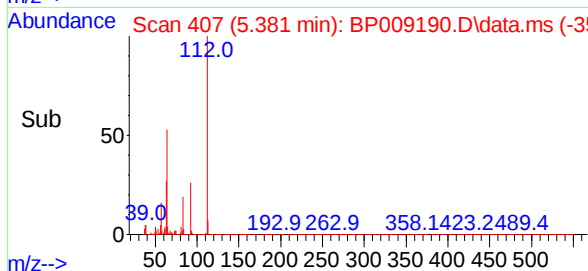
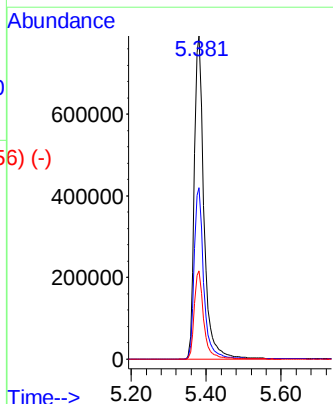
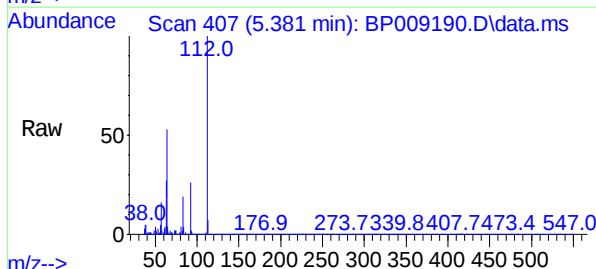
Instrument :
 BNA_P
 ClientSampleId :

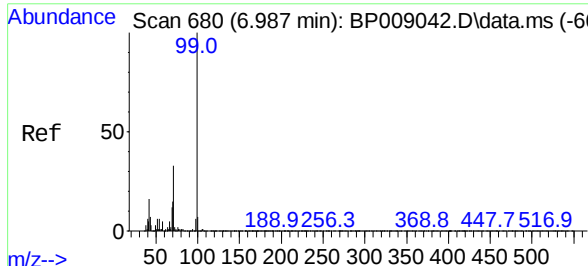
Tgt Ion:	152	Resp:	230365
Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.0	190.6
115	51.8	43.7	65.5



2-Fluorophenol
 Concen: 110.027 ng
 RT: 5.381 min Scan# 407
 Delta R.T. 0.000 min
 Lab File: BP009190.D
 Acq: 16 Feb 2022 21:38

Tgt Ion:	112	Resp:	1420921
Ion	Ratio	Lower	Upper
112	100		
64	53.1	39.7	59.5
63	27.4	20.0	30.0



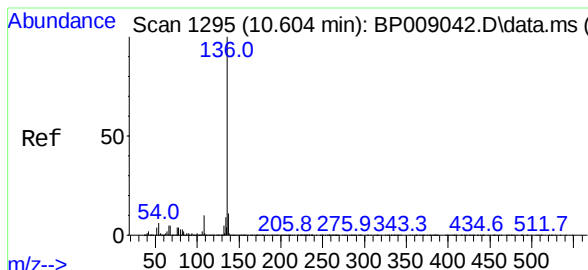
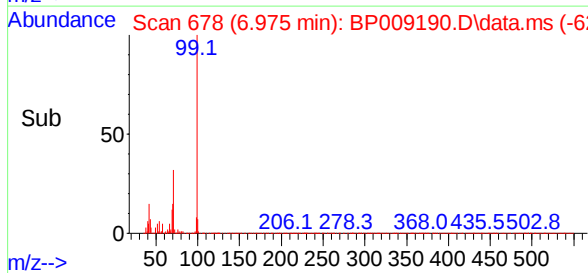
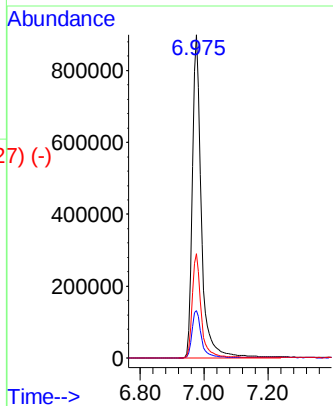
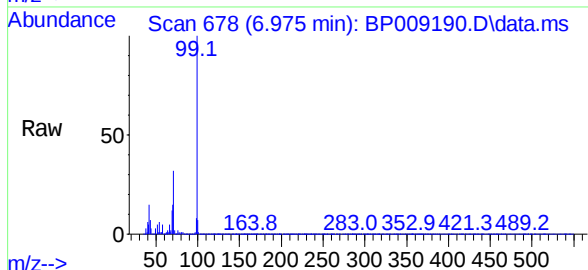


Phenol-d6
 Concen: 103.895 ng
 RT: 6.975 min Scan# 1290
 Delta R.T. 0.000 min
 Lab File: BP009190.D
 Acq: 16 Feb 2022 21:38

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion: 99 Resp: 1767954

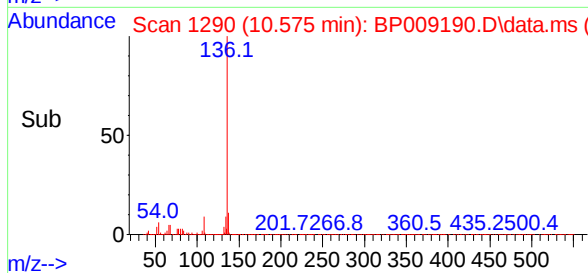
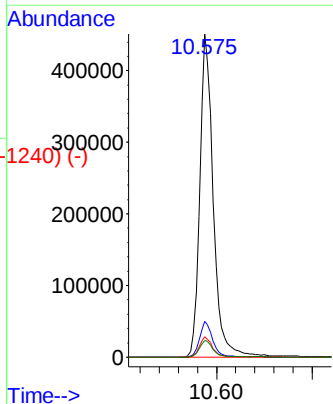
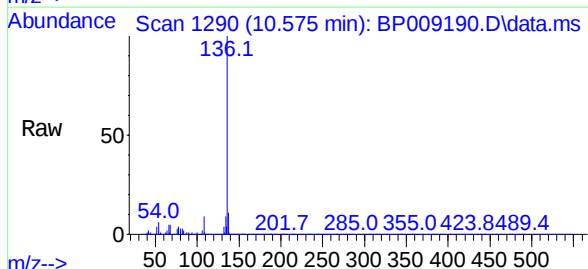
Ion	Ratio	Lower	Upper
99	100		
42	14.6	10.8	16.2
71	32.4	23.8	35.6

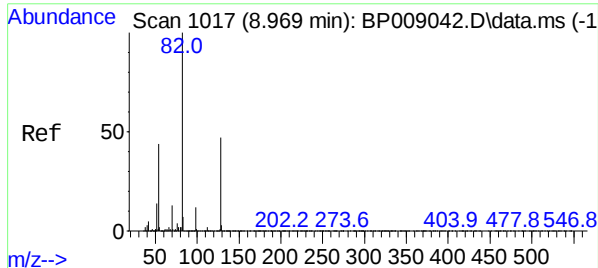


Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.575 min Scan# 1290
 Delta R.T. -0.006 min
 Lab File: BP009190.D
 Acq: 16 Feb 2022 21:38

Tgt Ion: 136 Resp: 878915

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.3	4.9	7.3
68	5.1	4.3	6.5





Nitrobenzene-d5

Concen: 70.731 ng

RT: 8.946 min Scan#

Delta R.T. 0.000 min

Lab File: BP009190.D

Acq: 16 Feb 2022 21:38

Instrument :

BNP

ClientSampleId :

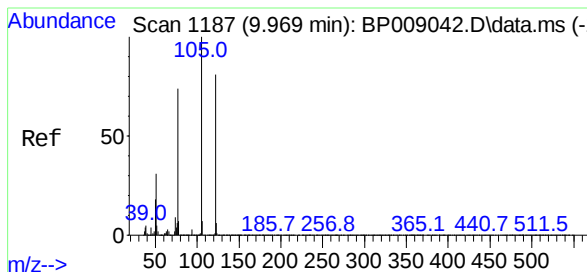
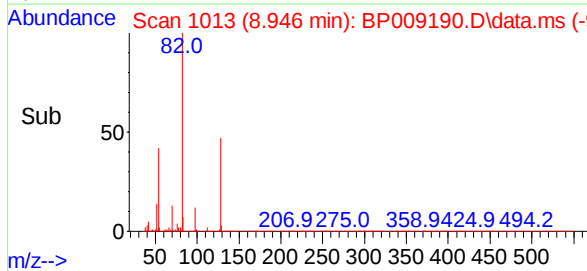
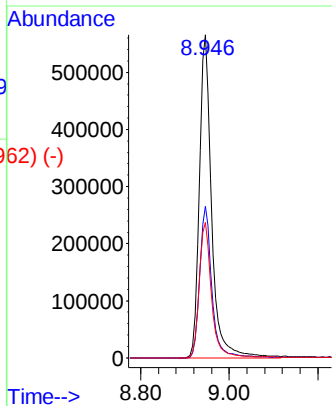
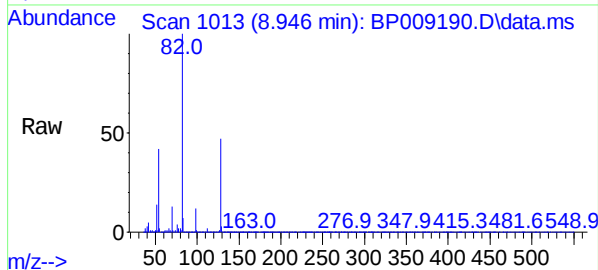
Tgt Ion: 82 Resp: 1102373

Ion Ratio Lower Upper

82 100

128 47.0 39.4 59.2

54 41.9 32.6 48.8



Benzoic acid

Concen: 2.700 ng

RT: 9.987 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BP009190.D

Acq: 16 Feb 2022 21:38

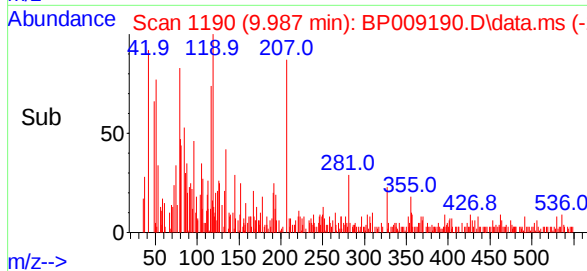
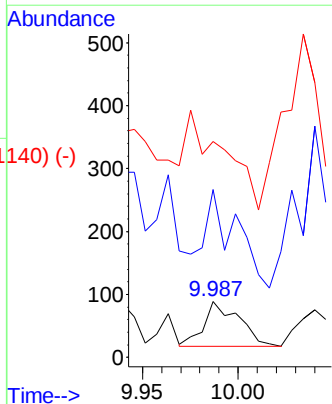
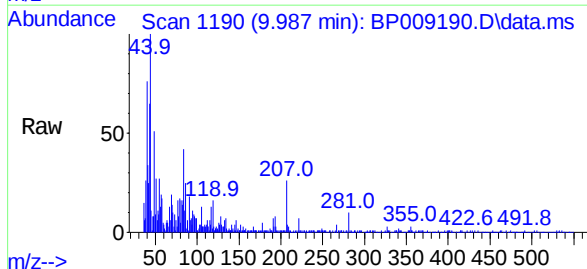
Tgt Ion:122 Resp: 90

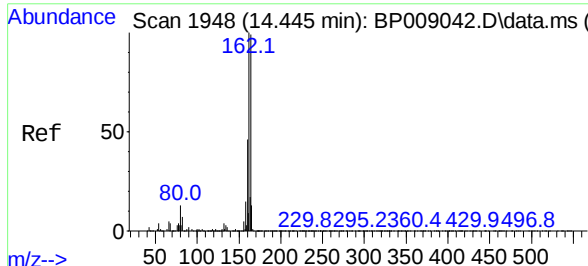
Ion Ratio Lower Upper

122 100

105 300.0 100.1 140.1#

77 385.4 65.5 105.5#

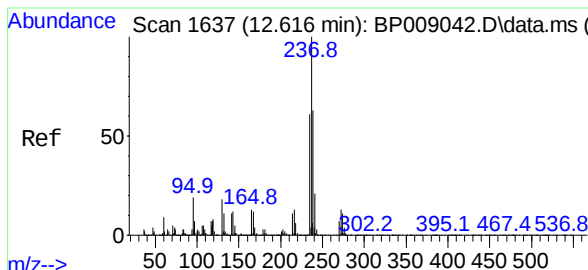
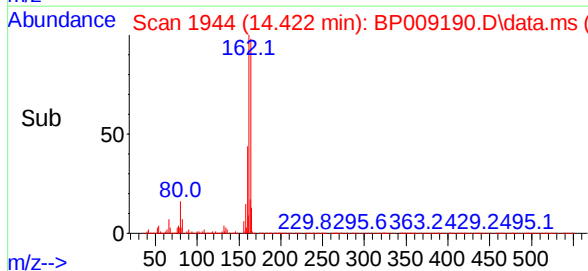
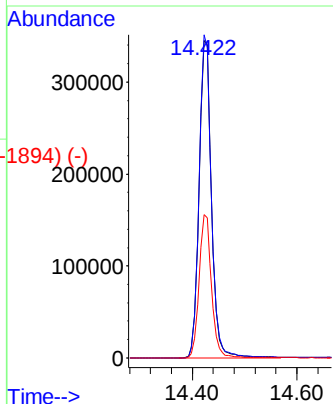
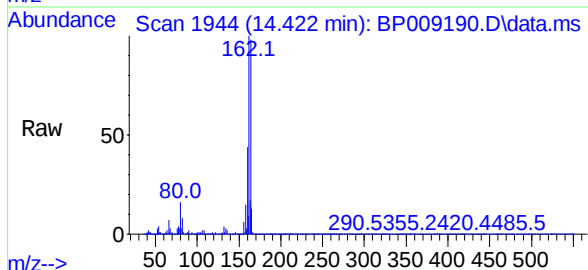




Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.422 min Scan# 1939
 Delta R.T. -0.006 min
 Lab File: BP009190.D
 Acq: 16 Feb 2022 21:38

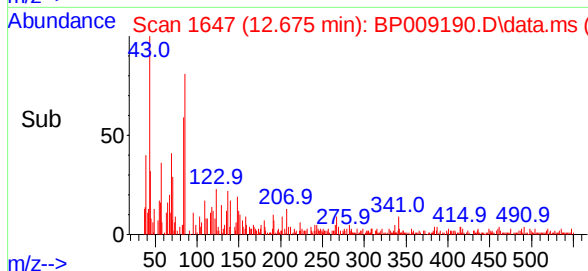
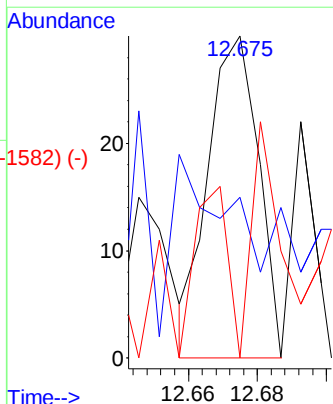
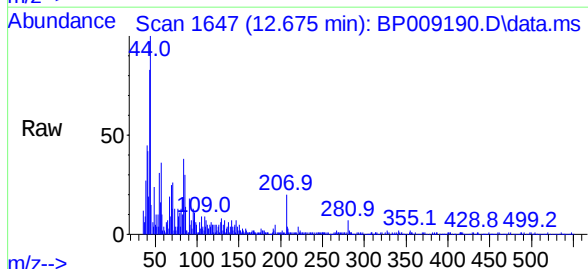
Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:	164	Resp:	566333
Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.9	119.9
160	45.2	35.5	53.3

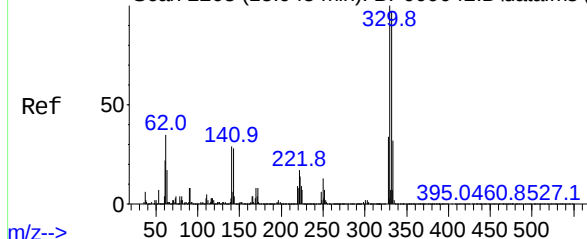


Hexachlorocyclopentadiene
 Concen: 8.660 ng
 RT: 12.675 min Scan# 1647
 Delta R.T. 0.082 min
 Lab File: BP009190.D
 Acq: 16 Feb 2022 21:38

Tgt Ion:	237	Resp:	30
Ion	Ratio	Lower	Upper
237	100		
235	50.0	42.9	82.9
272	0.0	0.0	33.8



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

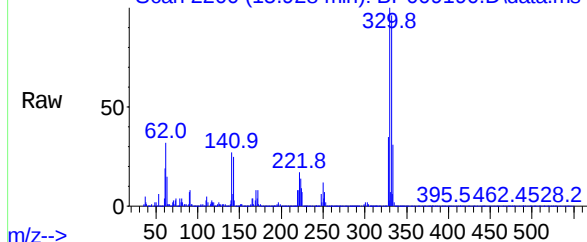


2,4,6-Tribromophenol
Concen: 114.982 ng
RT: 15.928 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

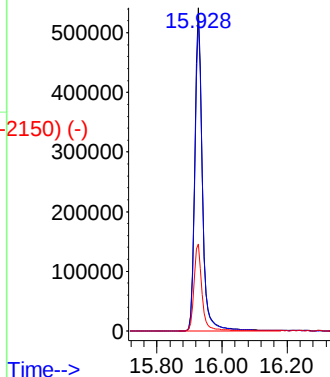
Instrument :
BNA_P
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.4
141	28.1	21.3	31.9

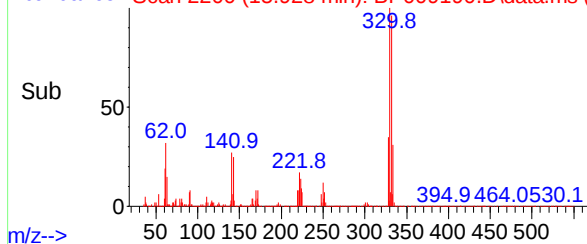
Abundance Scan 2200 (15.928 min): BP009190.D\data.ms



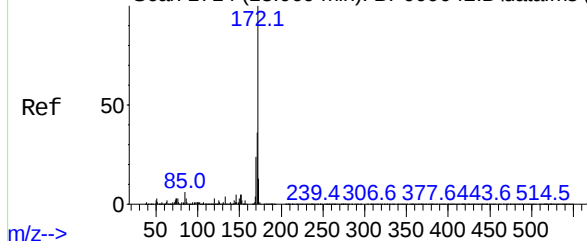
Abundance



Abundance Scan 2200 (15.928 min): BP009190.D\data.ms (-2150) (-)



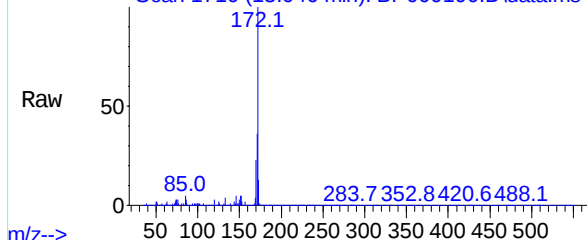
Abundance Scan 1714 (13.069 min): BP009042.D\data.ms (-1705) (-)



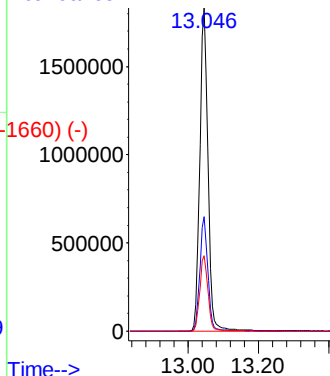
2-Fluorobiphenyl
Concen: 73.060 ng
RT: 13.046 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.3	43.9
170	23.3	19.5	29.3

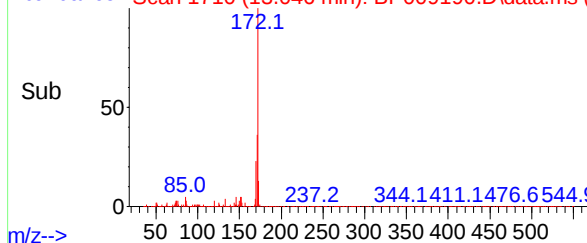
Abundance Scan 1710 (13.046 min): BP009190.D\data.ms

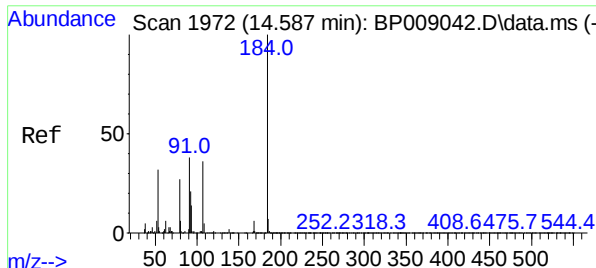


Abundance



Abundance Scan 1710 (13.046 min): BP009190.D\data.ms (-1660) (-)

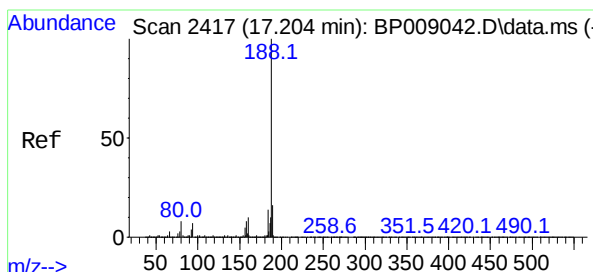
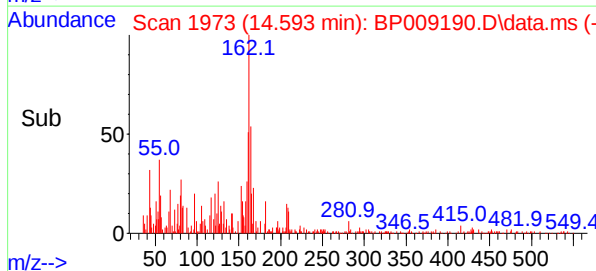
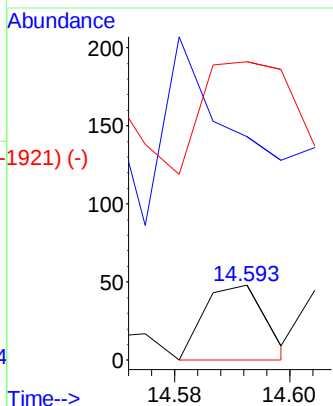
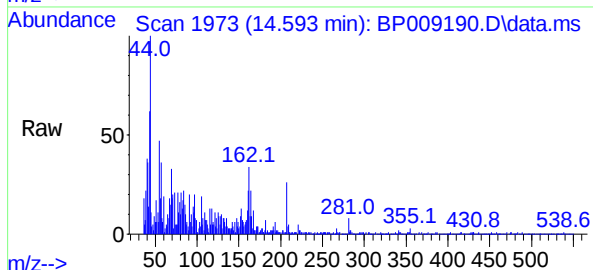




2,4-Dinitrophenol
Concen: 2.176 ng
RT: 14.593 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

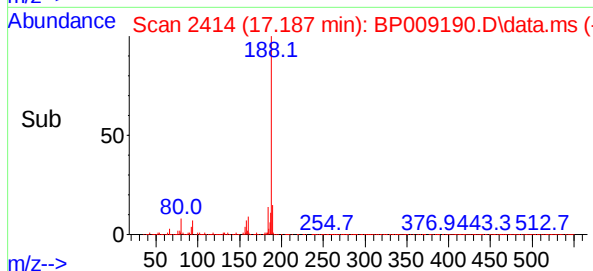
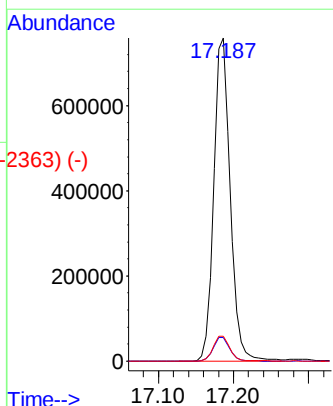
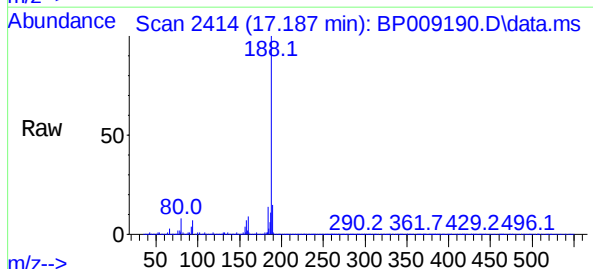
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:	184	Resp:	35
Ion	Ratio	Lower	Upper
184	100		
63	269.8	35.6	53.4#
154	360.4	43.4	65.0#

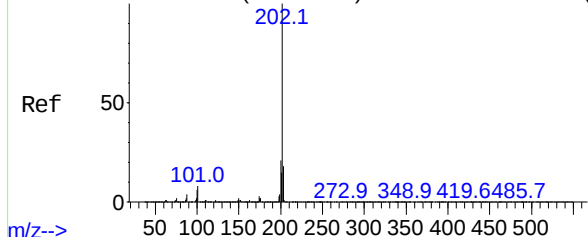


Phenanthrene-d10
Concen: 20.000 ng
RT: 17.187 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

Tgt Ion:	188	Resp:	1153098
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.8	10.2
80	7.7	7.2	10.8



Abundance Scan 2760 (19.222 min): BP009042.D\data.ms (-2755) (-)



Fluoranthene

Concen: 2.693 ng

RT: 19.204 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP009190.D

Acq: 16 Feb 2022 21:38

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:202 Resp: 188473

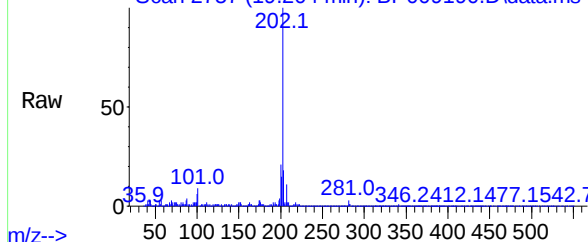
Ion Ratio Lower Upper

202 100

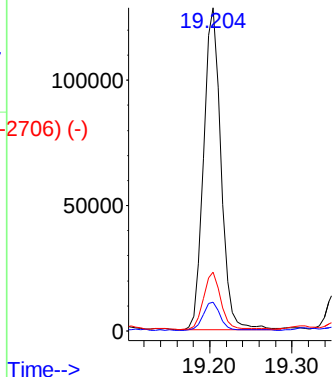
101 8.9 0.0 30.7

203 18.3 0.0 38.9

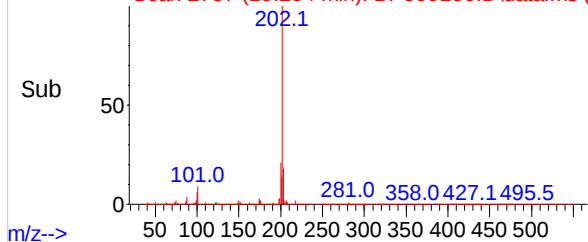
Abundance Scan 2757 (19.204 min): BP009190.D\data.ms



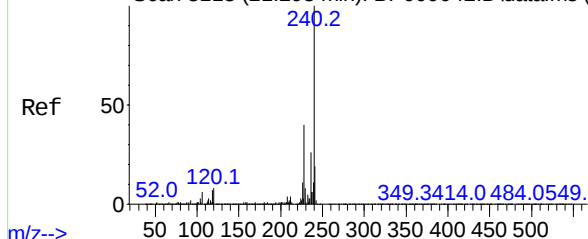
Abundance



Abundance Scan 2757 (19.204 min): BP009190.D\data.ms (-2706) (-)



Abundance Scan 3113 (21.298 min): BP009042.D\data.ms (-3105) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 21.280 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP009190.D

Acq: 16 Feb 2022 21:38

Tgt Ion:240 Resp: 1159416

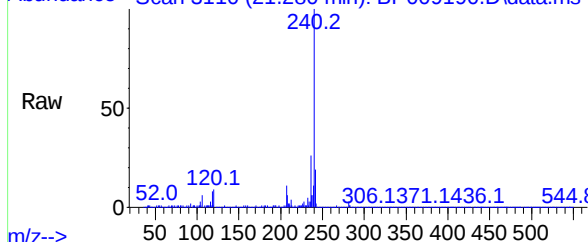
Ion Ratio Lower Upper

240 100

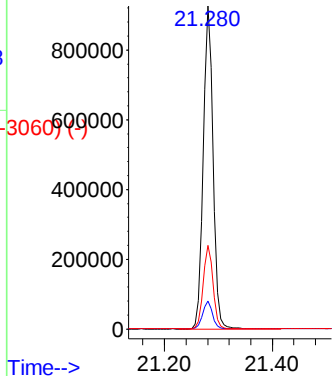
120 8.6 7.7 11.5

236 25.9 21.2 31.8

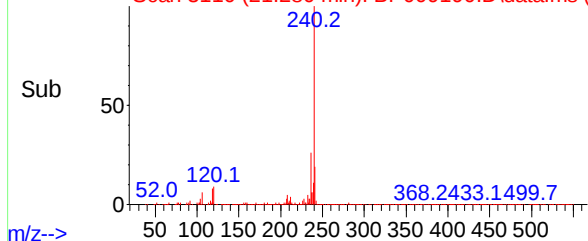
Abundance Scan 3110 (21.280 min): BP009190.D\data.ms

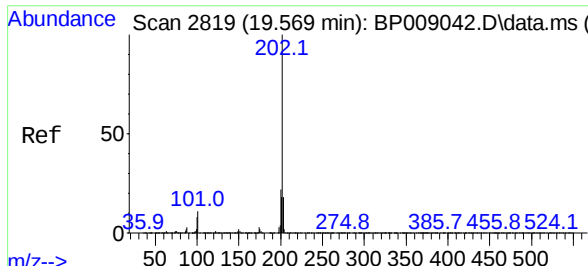


Abundance



Abundance Scan 3110 (21.280 min): BP009190.D\data.ms (-3060) (-)

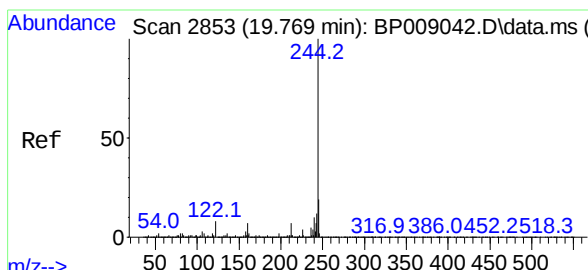
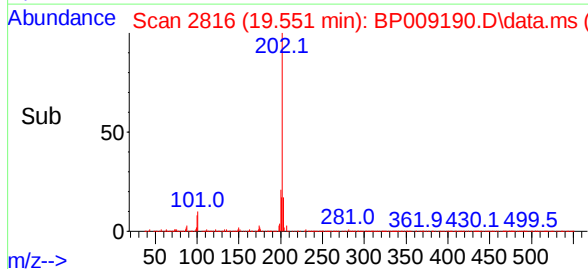
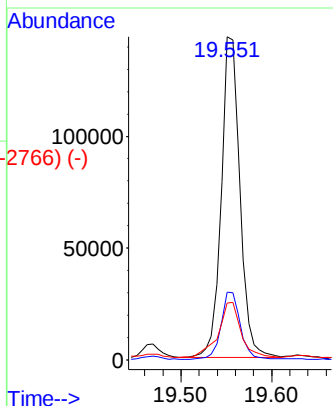
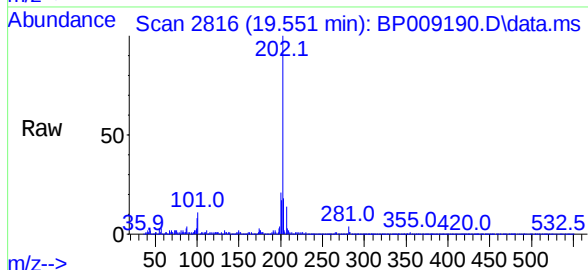




Pyrene
Concen: 2.498 ng
RT: 19.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

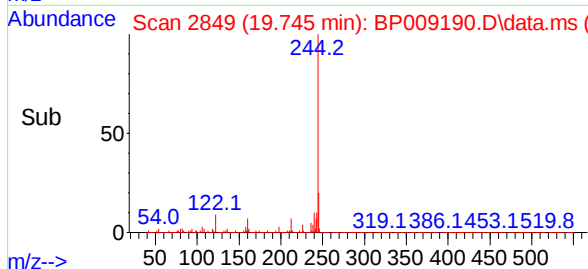
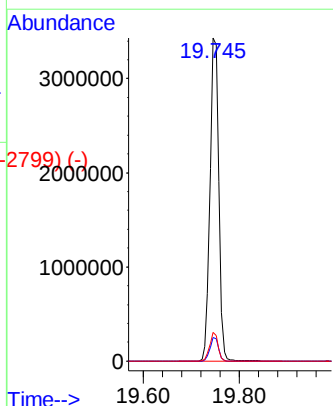
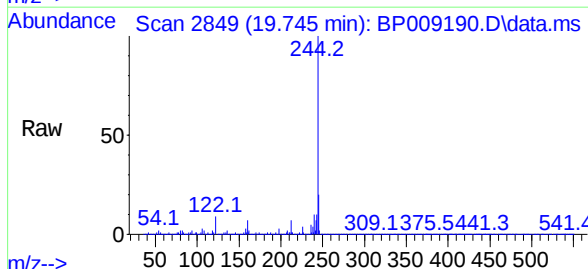
Instrument :
BNA_P
ClientSampleId :

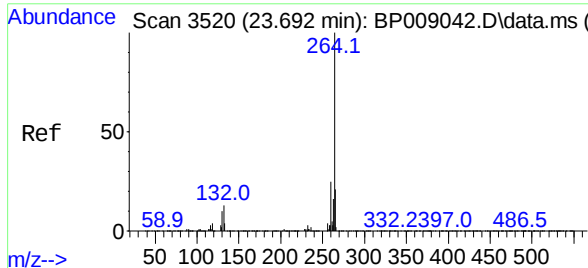
Tgt Ion:	202	Resp:	206003
Ion Ratio	Lower	Upper	
202	100		
200	20.9	18.0	27.0
203	17.6	15.0	22.6



Terphenyl-d14
Concen: 67.651 ng
RT: 19.745 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP009190.D
Acq: 16 Feb 2022 21:38

Tgt Ion:	244	Resp:	4361558
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.5	9.7
122	9.0	9.2	13.8#

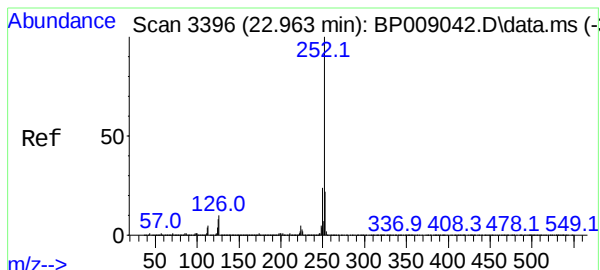
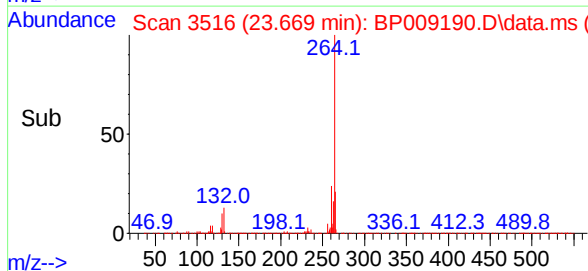
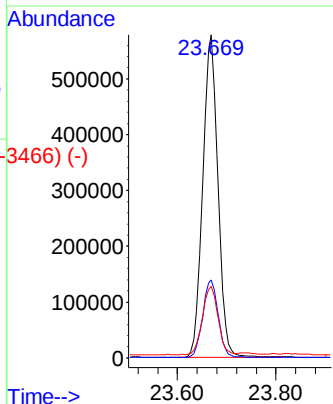
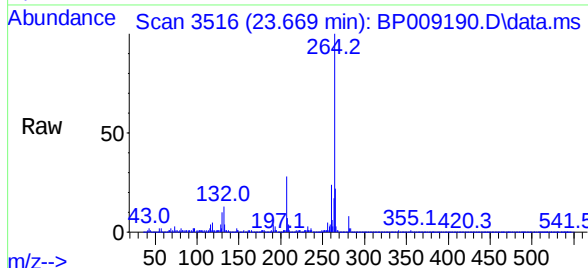




Perylene-d12
 Concen: 20.000 ng
 RT: 23.669 min Scan# 3516
 Delta R.T. -0.006 min
 Lab File: BP009190.D
 Acq: 16 Feb 2022 21:38

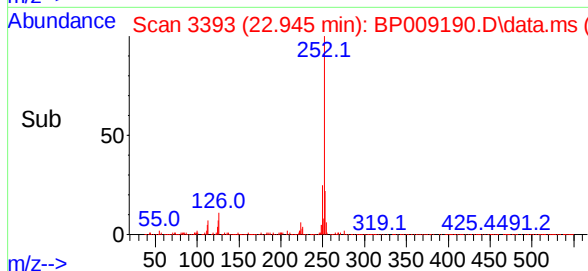
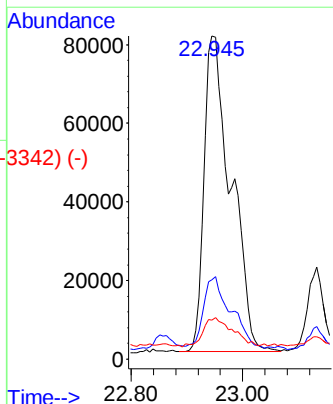
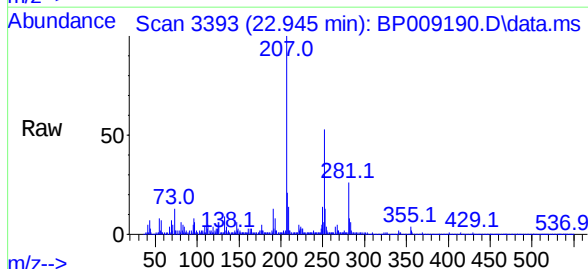
Instrument :
 BNA_P
 ClientSampleId :

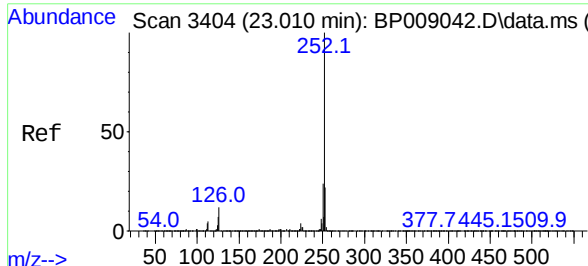
Tgt Ion:	264	Resp:	1235553
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	22.3	17.1	25.7



Benzo(b)fluoranthene
 Concen: 3.536 ng
 RT: 22.945 min Scan# 3393
 Delta R.T. 0.000 min
 Lab File: BP009190.D
 Acq: 16 Feb 2022 21:38

Tgt Ion:	252	Resp:	268988
Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	12.0	6.9	10.3#

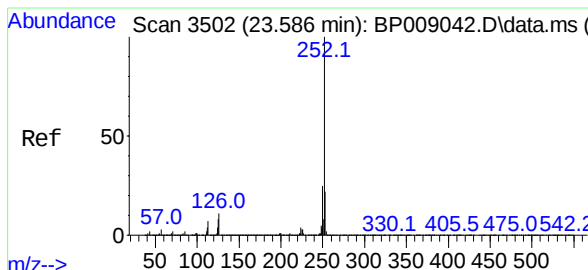
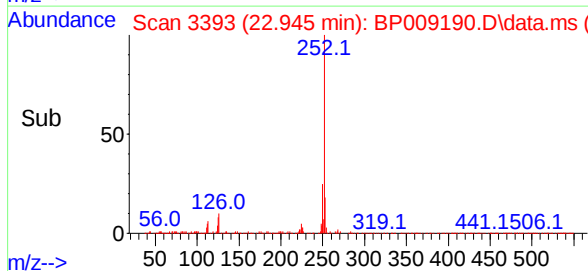
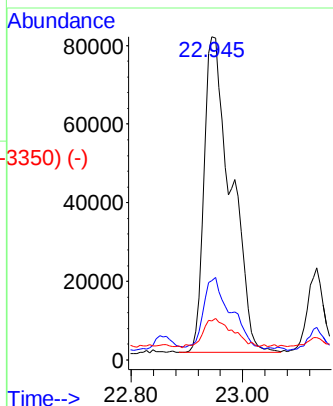
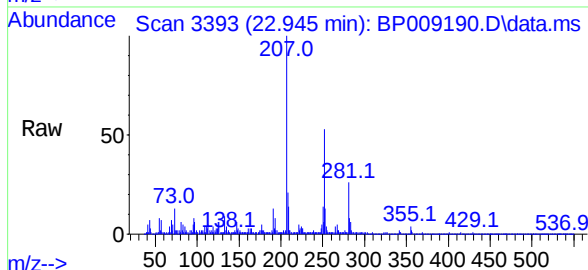




Scan 3404 (23.010 min): BP009042.D\data.ms (-3404) (-)
 Benzo(k)fluoranthene
 Concen: 3.545 ng
 RT: 22.945 min Scan# 4189
 Delta R.T. -0.047 min
 Lab File: BP009190.D
 Acq: 16 Feb 2022 21:38

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:	252	Resp:	268988
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.2	27.2
125	12.0	7.3	10.9#



Scan 3502 (23.586 min): BP009042.D\data.ms (-3490) (-)
 Benzo(a)pyrene
 Concen: 2.460 ng
 RT: 23.563 min Scan# 3498
 Delta R.T. -0.006 min
 Lab File: BP009190.D
 Acq: 16 Feb 2022 21:38

Tgt Ion:	252	Resp:	156001
Ion Ratio	Lower	Upper	
252	100		
253	26.6	17.8	26.8
125	12.8	7.8	11.6#

