

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
 Data File : BP008505.D
 Acq On : 19 Dec 2021 00:19
 Operator : CG/JU
 Sample : M5018-39RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP6

Quant Time: Dec 20 00:55:51 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 18 06:49:58 2021
 Response via : Initial Calibration

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

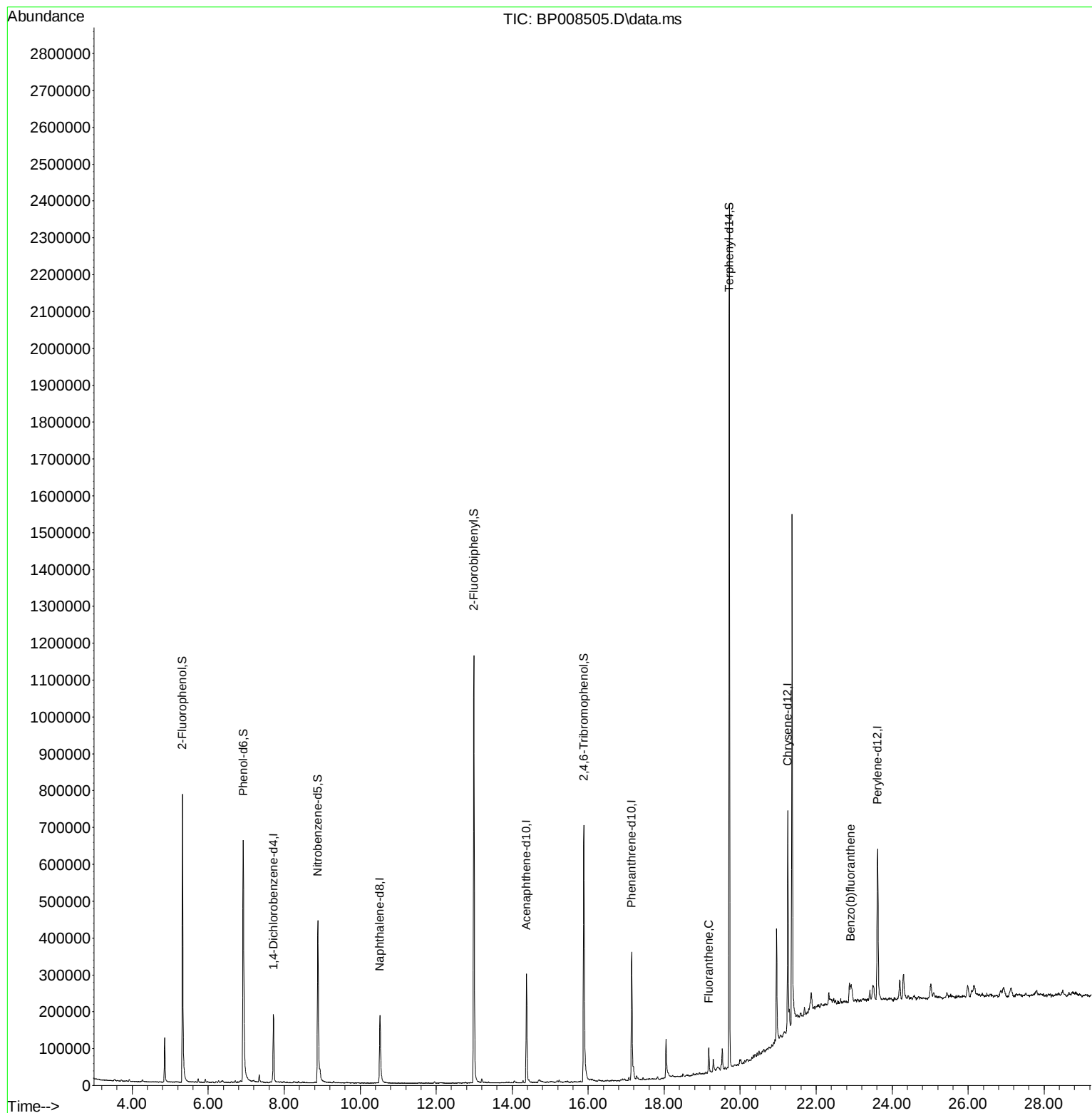
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	47579	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	174695	20.000	ng	0.00
39) Acenaphthene-d10	14.375	164	113588	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	234106	20.000	ng	0.00
76) Chrysene-d12	21.251	240	271905	20.000	ng	-0.01
86) Perylene-d12	23.616	264	323030	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	336545	111.706	ng	0.00
7) Phenol-d6	6.922	99	444401	109.827	ng	0.00
23) Nitrobenzene-d5	8.887	82	307258	74.512	ng	-0.01
42) 2,4,6-Tribromophenol	15.887	330	161035	96.471	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	625306	69.980	ng	-0.01
79) Terphenyl-d14	19.716	244	1011512	64.744	ng	-0.01
Target Compounds						
75) Fluoranthene	19.175	202	38140	2.664	ng	Qvalue 98
88) Benzo(b)fluoranthene	22.904	252	40544	2.086	ng	# 92

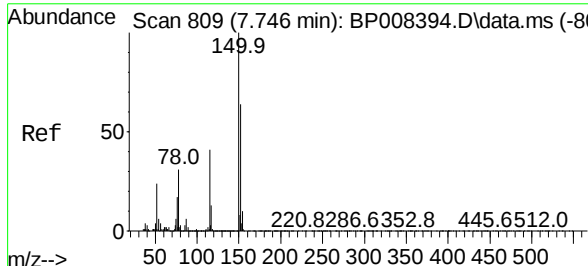
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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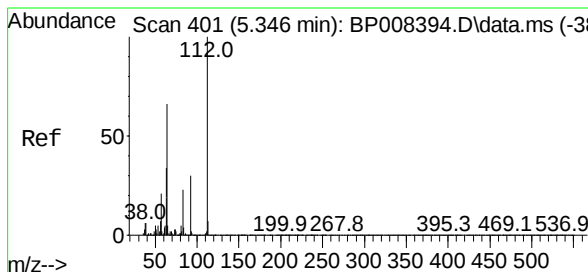
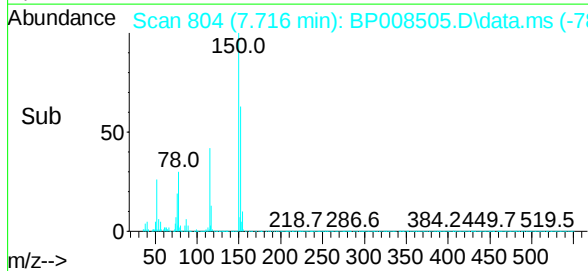
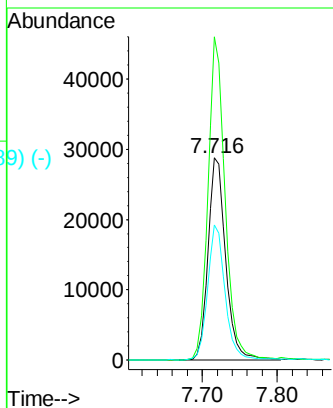
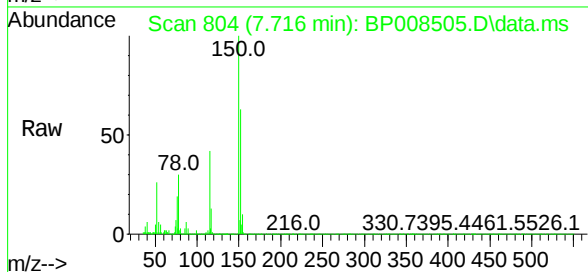




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.716 min Scan# 804
 Delta R.T. -0.012 min
 Lab File: BP008505.D
 Acq: 19 Dec 2021 00:19

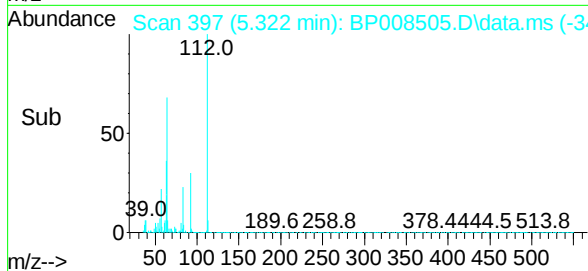
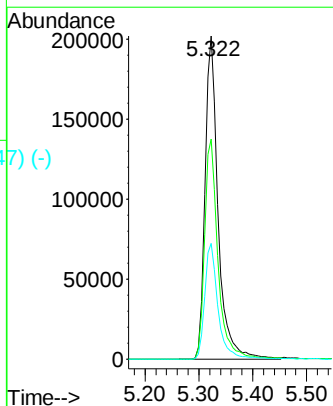
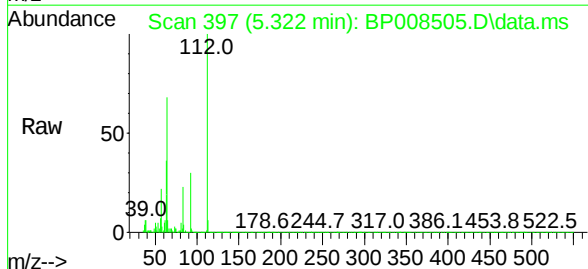
Instrument :
 BNA_P
 ClientSampleId :
 TP6

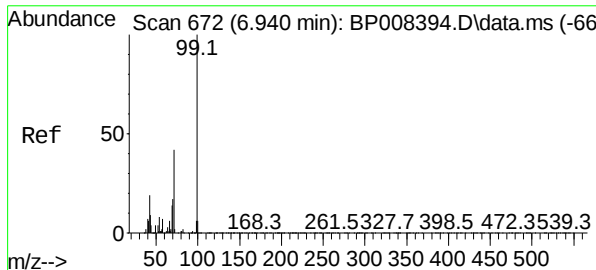
Tgt Ion:	152	Resp:	47579
Ion	Ratio	Lower	Upper
152	100		
150	159.6	125.7	188.5
115	66.6	50.7	76.1



2-Fluorophenol
 Concen: 111.706 ng
 RT: 5.322 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: BP008505.D
 Acq: 19 Dec 2021 00:19

Tgt Ion:	112	Resp:	336545
Ion	Ratio	Lower	Upper
112	100		
64	68.1	53.4	80.2
63	35.9	27.8	41.8





Phenol-d6

Concen: 109.827 ng

RT: 6.922 min Scan#

Delta R.T. -0.006 min

Lab File: BP008505.D

Acq: 19 Dec 2021 00:19

Instrument :

BNA_P

ClientSampleId :

TP6

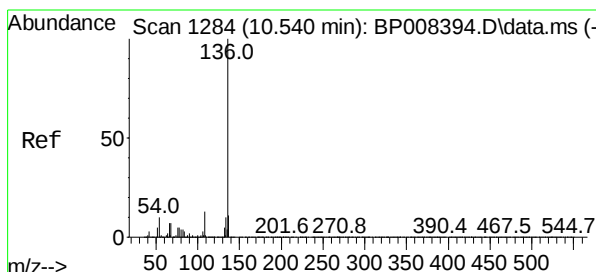
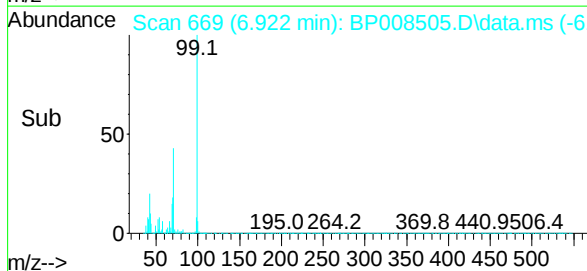
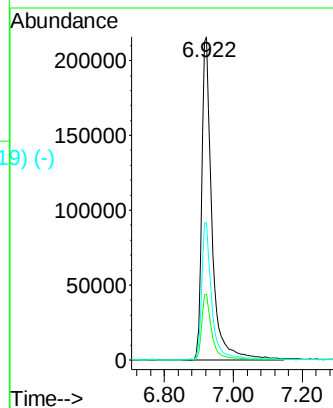
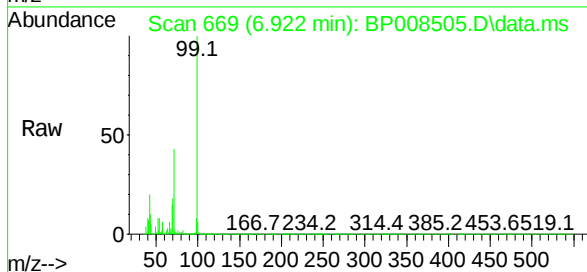
Tgt Ion: 99 Resp: 444401

Ion Ratio Lower Upper

99 100

42 20.4 14.6 22.0

71 42.6 31.1 46.7



Naphthalene-d8

Concen: 20.000 ng

RT: 10.516 min Scan# 1280

Delta R.T. -0.006 min

Lab File: BP008505.D

Acq: 19 Dec 2021 00:19

Tgt Ion: 136 Resp: 174695

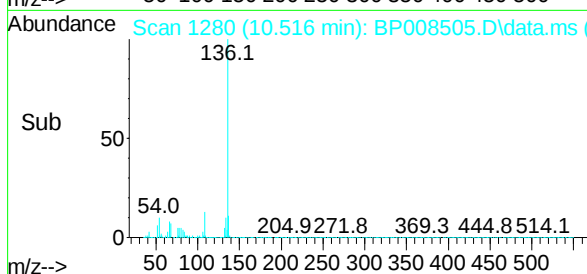
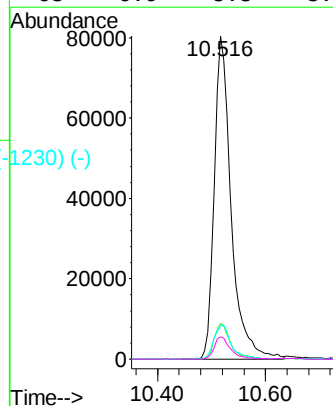
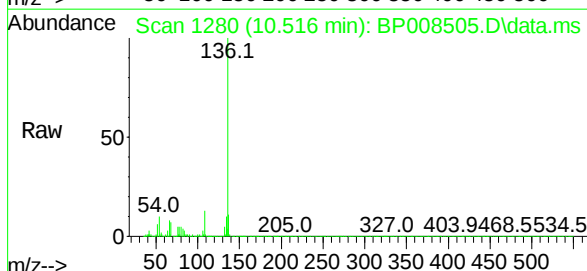
Ion Ratio Lower Upper

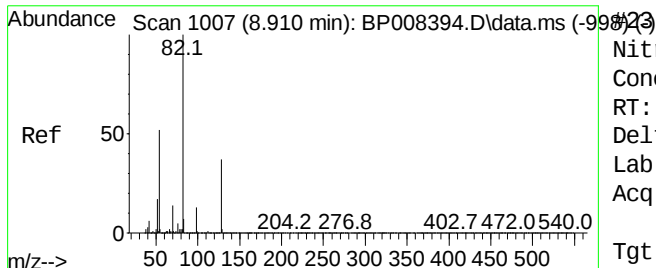
136 100

137 11.1 9.0 13.6

54 10.3 8.2 12.4

68 6.9 5.8 8.8





Nitrobenzene-d5

Concen: 74.512 ng

RT: 8.887 min Scan#

Delta R.T. -0.012 min

Lab File: BP008505.D

Acq: 19 Dec 2021 00:19

Instrument :

BNA_P

ClientSampleId :

TP6

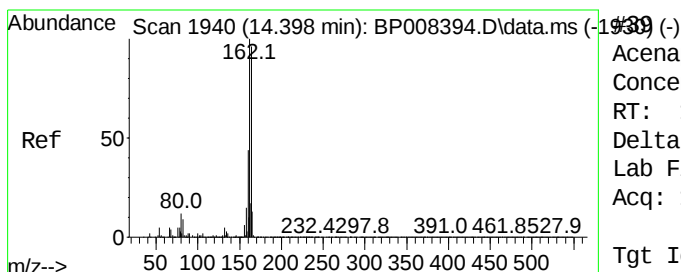
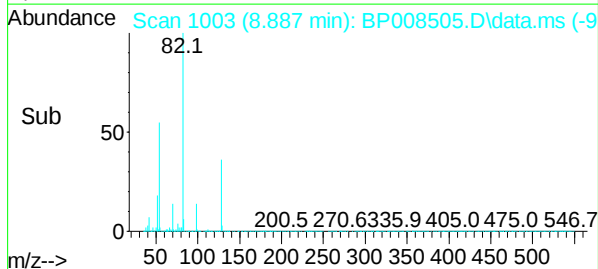
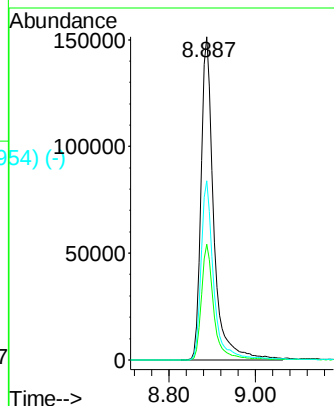
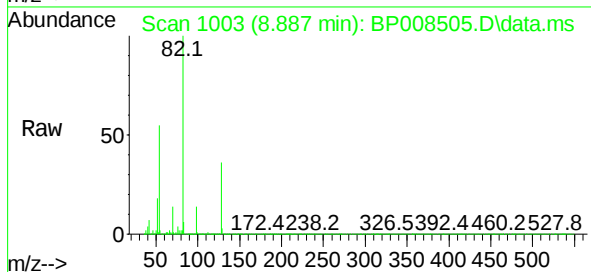
Tgt Ion: 82 Resp: 307258

Ion Ratio Lower Upper

82 100

128 35.9 29.6 44.4

54 55.4 42.7 64.1



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.375 min Scan# 1936

Delta R.T. -0.012 min

Lab File: BP008505.D

Acq: 19 Dec 2021 00:19

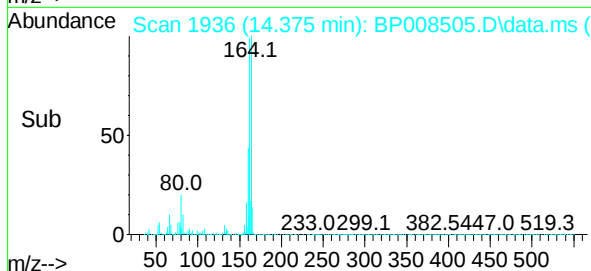
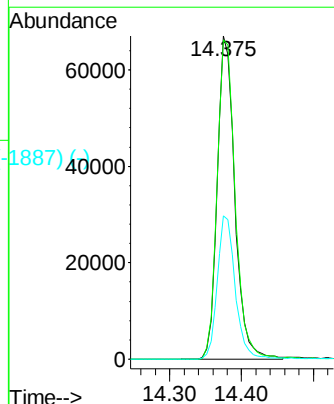
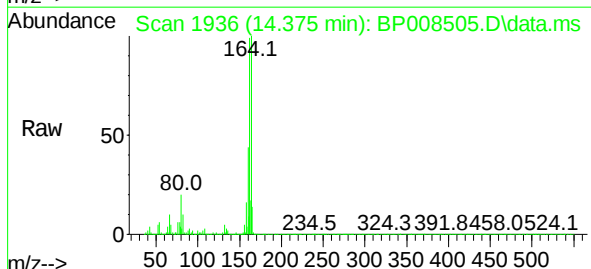
Tgt Ion: 164 Resp: 113588

Ion Ratio Lower Upper

164 100

162 98.8 81.9 122.9

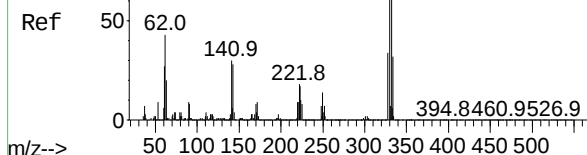
160 44.4 35.4 53.0



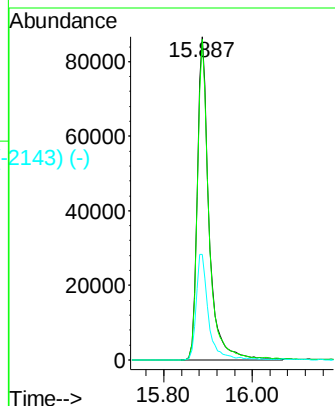
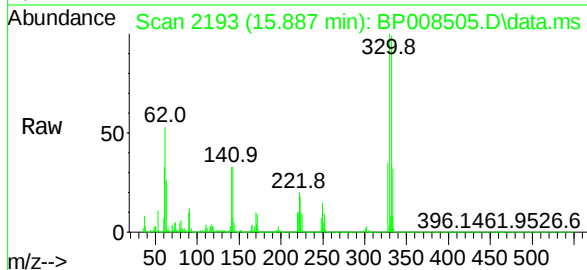
Abundance Scan 2196 (15.904 min): BP008394.D\data.ms (-2144) (-)

2,4,6-Tribromophenol
Concen: 96.471 ng
RT: 15.887 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008505.D
Acq: 19 Dec 2021 00:19

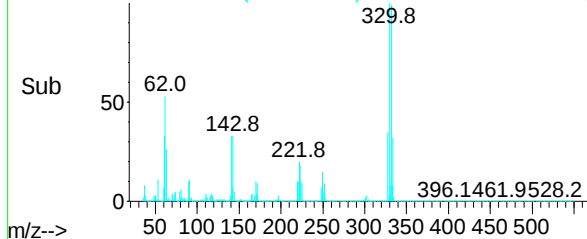
Instrument :
BNA_P
ClientSampleId :
TP6



Tgt Ion:	330	Resp:	161035
Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.4
141	33.9	28.4	42.6



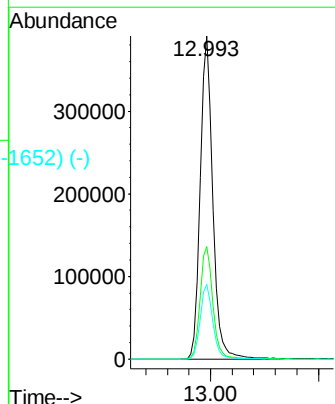
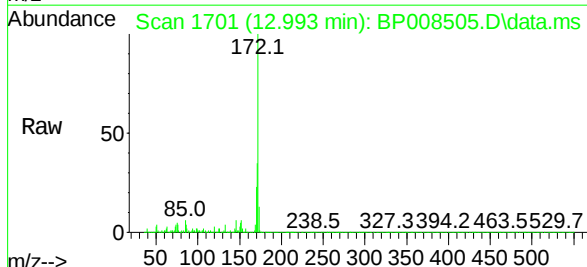
Abundance Scan 2193 (15.887 min): BP008505.D\data.ms (-2143) (-)



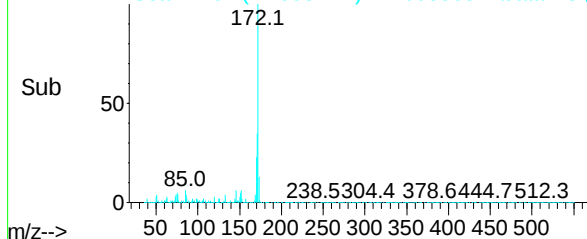
Abundance Scan 1705 (13.016 min): BP008394.D\data.ms (-1645) (-)

2-Fluorobiphenyl
Concen: 69.980 ng
RT: 12.993 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BP008505.D
Acq: 19 Dec 2021 00:19

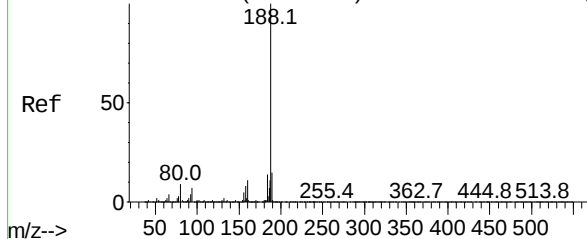
Tgt Ion:	172	Resp:	625306
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.0	42.0
170	23.2	18.9	28.3



Abundance Scan 1701 (12.993 min): BP008505.D\data.ms (-1652) (-)



Abundance Scan 2410 (17.163 min): BP008394.D\data.ms (-2404) (-)



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BP008505.D

Acq: 19 Dec 2021 00:19

Instrument :

BNA_P

ClientSampleId :

TP6

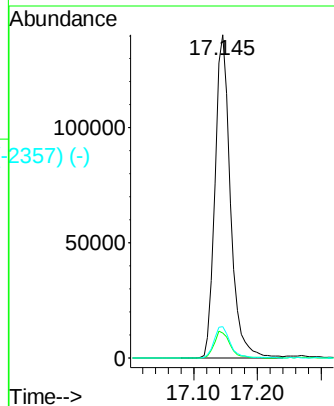
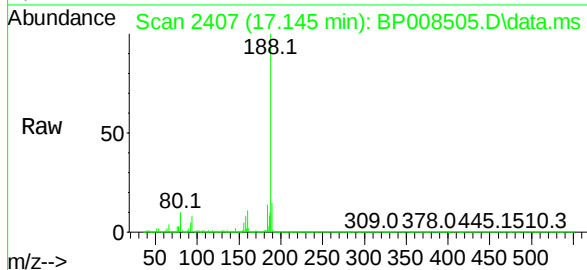
Tgt Ion:188 Resp: 234106

Ion Ratio Lower Upper

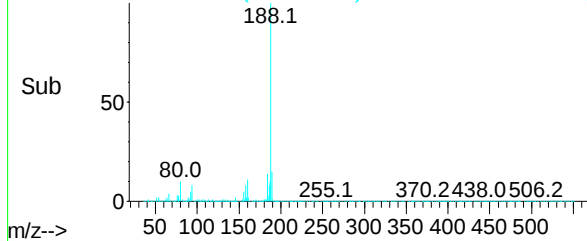
188 100

94 7.7 7.2 10.8

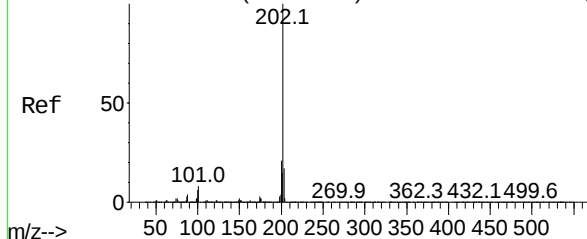
80 9.7 8.2 12.4



Abundance Scan 2407 (17.145 min): BP008505.D\data.ms (-2357) (-)



Abundance Scan 2754 (19.186 min): BP008394.D\data.ms (-2745) (-)



Fluoranthene

Concen: 2.664 ng

RT: 19.175 min Scan# 2752

Delta R.T. 0.000 min

Lab File: BP008505.D

Acq: 19 Dec 2021 00:19

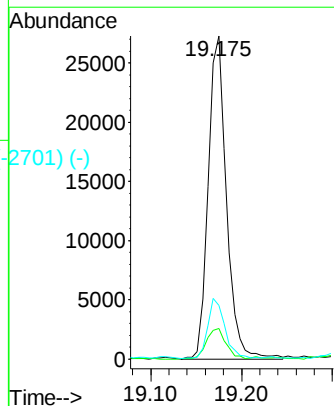
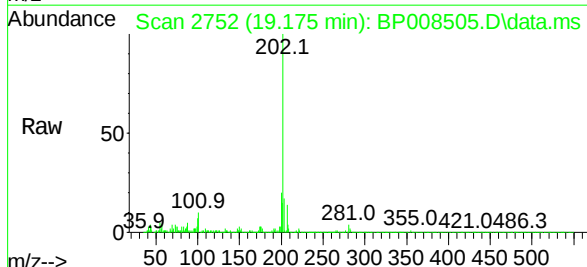
Tgt Ion:202 Resp: 38140

Ion Ratio Lower Upper

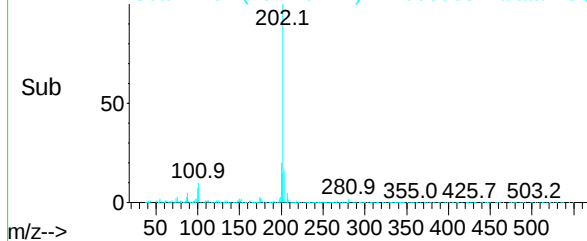
202 100

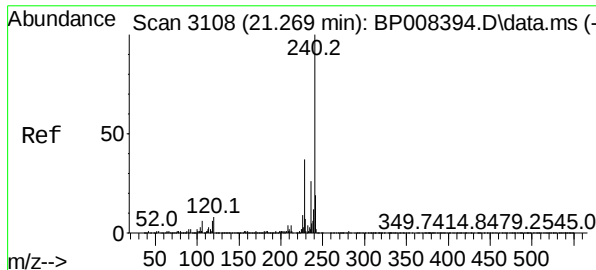
101 9.6 0.0 29.8

203 16.6 0.0 37.7



Abundance Scan 2752 (19.175 min): BP008505.D\data.ms (-2701) (-)

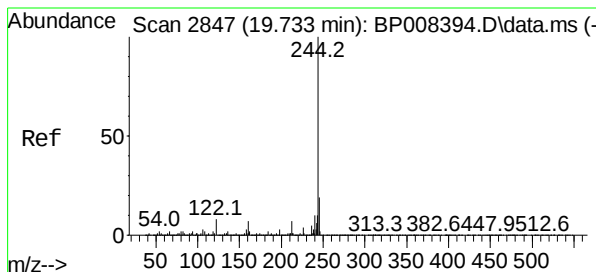
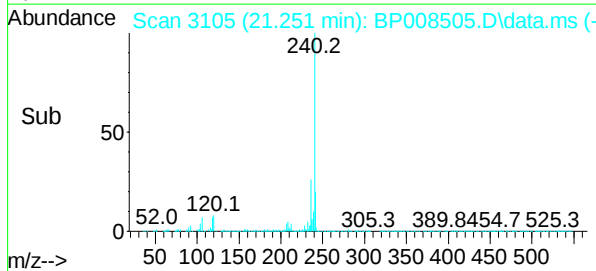
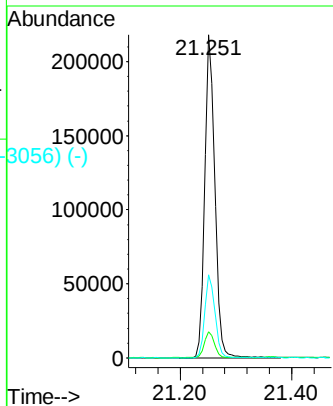
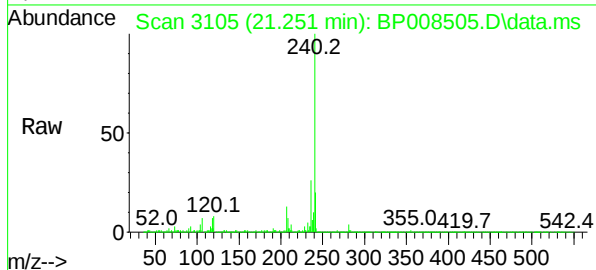




Chrysene-d12
 Concen: 20.000 ng
 RT: 21.251 min Scan# 3105
 Delta R.T. -0.012 min
 Lab File: BP008505.D
 Acq: 19 Dec 2021 00:19

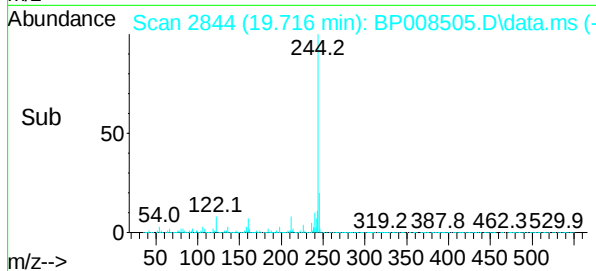
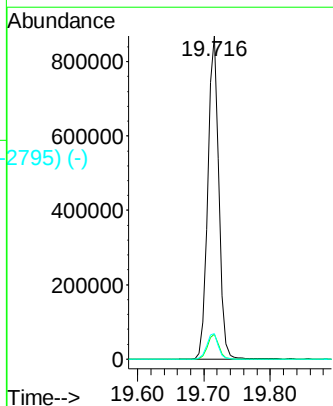
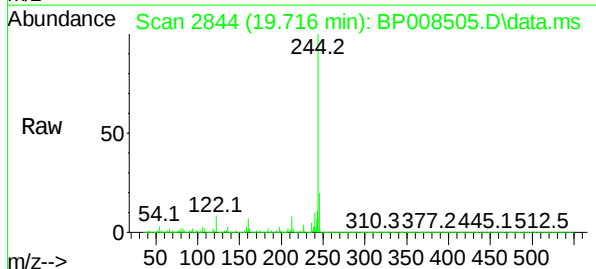
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 TP6

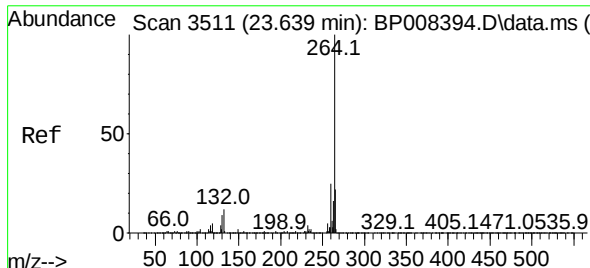
Tgt Ion:	240	Resp:	271905
Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.3	10.9
236	25.7	21.4	32.2



Terphenyl-d14
 Concen: 64.744 ng
 RT: 19.716 min Scan# 2844
 Delta R.T. -0.012 min
 Lab File: BP008505.D
 Acq: 19 Dec 2021 00:19

Tgt Ion:	244	Resp:	1011512
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	7.9	6.6	9.8

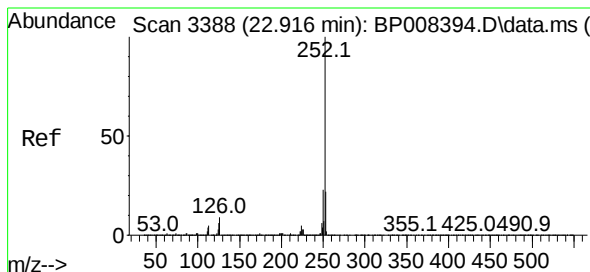
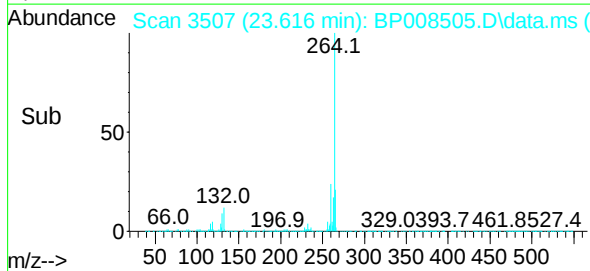
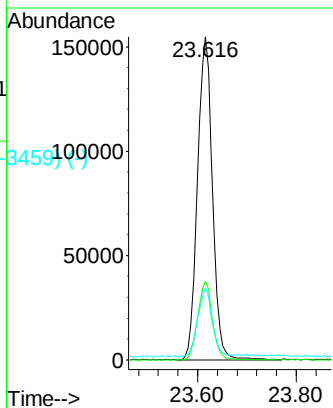
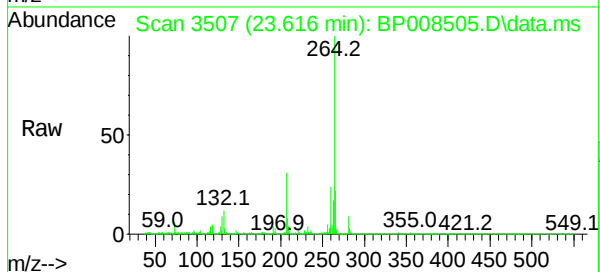




Perylene-d12
 Concen: 20.000 ng
 RT: 23.616 min Scan# 3459
 Delta R.T. -0.018 min
 Lab File: BP008505.D
 Acq: 19 Dec 2021 00:19

Instrument :
 BNA_P
 ClientSampleId :
 TP6

Tgt Ion:	264	Resp:	323030
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.4	17.6	26.4



Benzo(b)fluoranthene
 Concen: 2.086 ng
 RT: 22.904 min Scan# 3386
 Delta R.T. -0.006 min
 Lab File: BP008505.D
 Acq: 19 Dec 2021 00:19

Tgt Ion:	252	Resp:	40544
Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.7	26.5#
125	8.9	6.2	9.4

