

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
 Data File : BP008506.D
 Acq On : 19 Dec 2021 00:53
 Operator : CG/JU
 Sample : M5018-19RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP4

Quant Time: Dec 20 00:56:04 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	46432	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	176364	20.000	ng	0.00
39) Acenaphthene-d10	14.375	164	110974	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	230380	20.000	ng	0.00
76) Chrysene-d12	21.251	240	281300	20.000	ng	-0.01
86) Perylene-d12	23.616	264	316376	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	294717	100.239	ng	0.00
7) Phenol-d6	6.922	99	373496	94.584	ng	0.00
23) Nitrobenzene-d5	8.887	82	258471	62.088	ng	-0.01
42) 2,4,6-Tribromophenol	15.887	330	143340	87.893	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	502301	57.538	ng	-0.01
79) Terphenyl-d14	19.716	244	805220	49.819	ng	-0.01

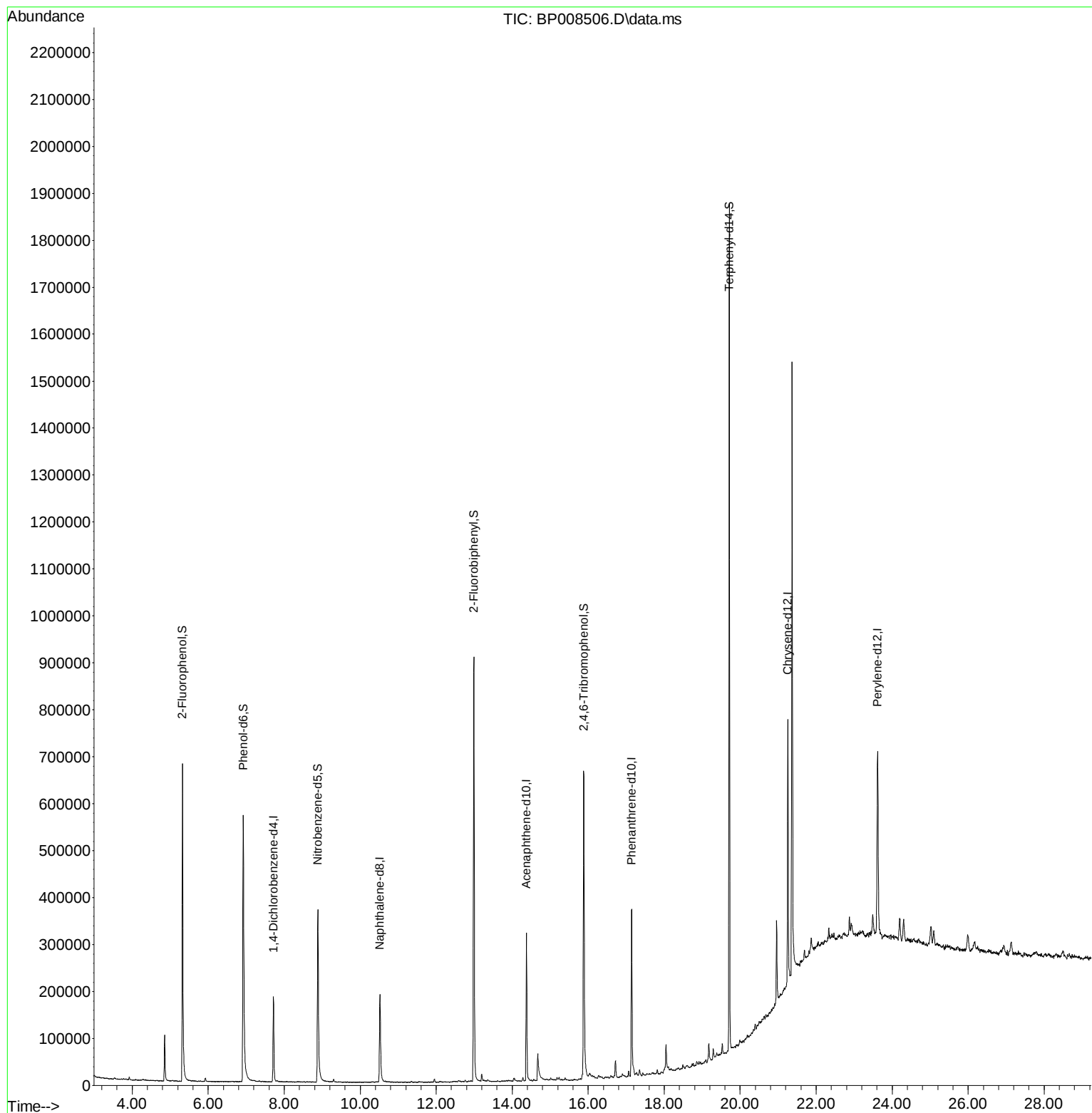
Target Compounds Qvalue

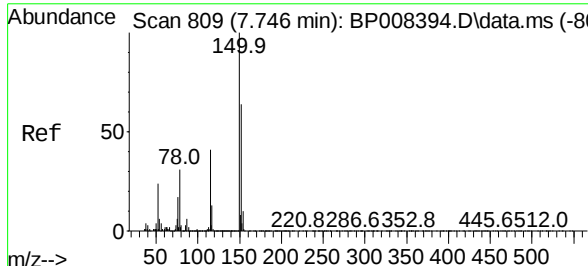
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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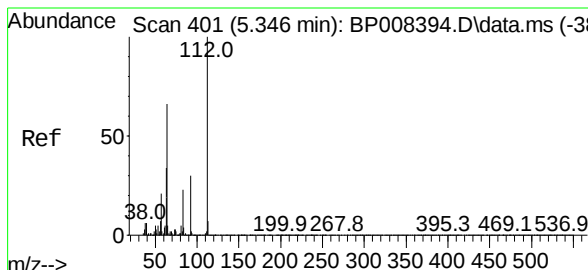
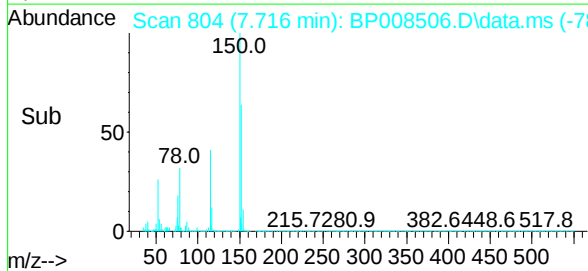
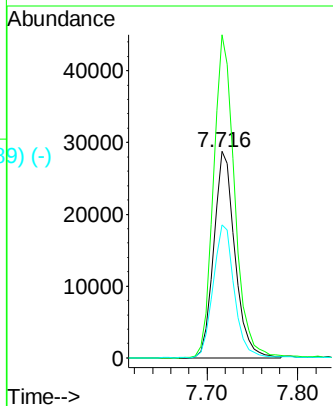
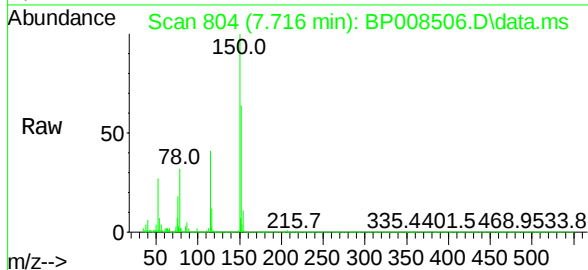




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.716 min Scan# 804
 Delta R.T. -0.012 min
 Lab File: BP008506.D
 Acq: 19 Dec 2021 00:53

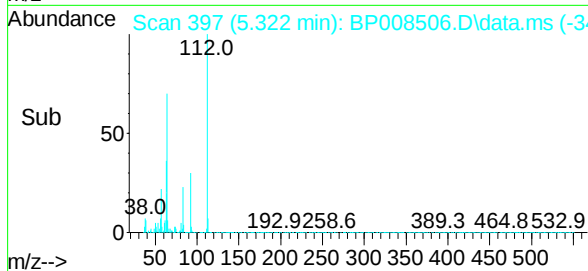
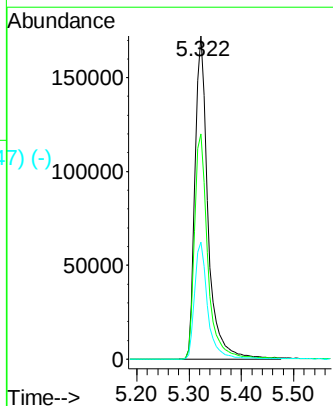
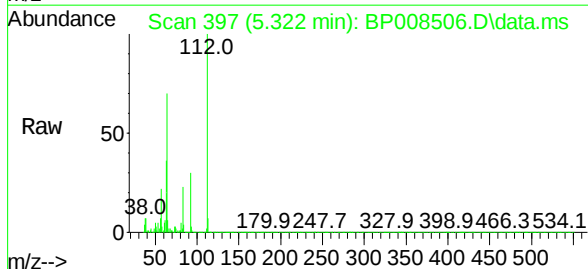
Instrument :
 BNA_P
 ClientSampleId :
 TP4

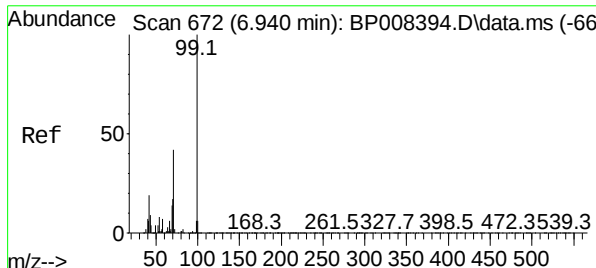
Tgt Ion:	152	Resp:	46432
Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.7	188.5
115	64.2	50.7	76.1



2-Fluorophenol
 Concen: 100.239 ng
 RT: 5.322 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: BP008506.D
 Acq: 19 Dec 2021 00:53

Tgt Ion:	112	Resp:	294717
Ion	Ratio	Lower	Upper
112	100		
64	69.8	53.4	80.2
63	36.2	27.8	41.8

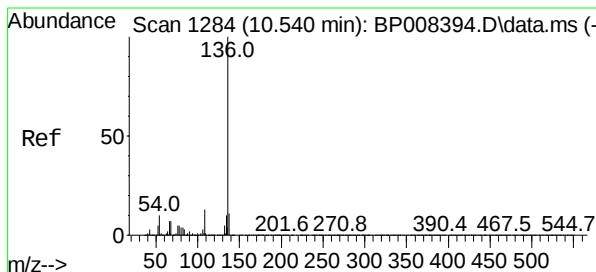
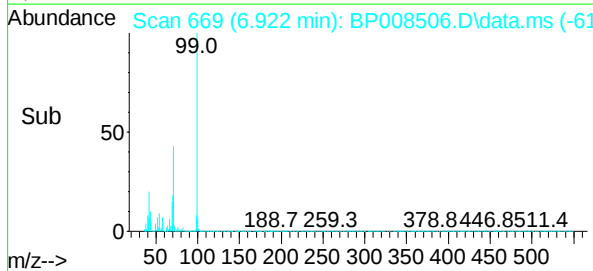
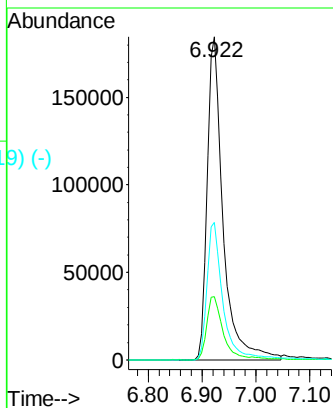
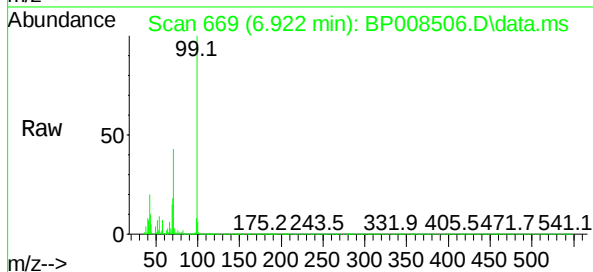




Phenol-d6
 Concen: 94.584 ng
 RT: 6.922 min Scan# 669
 Delta R.T. -0.006 min
 Lab File: BP008506.D
 Acq: 19 Dec 2021 00:53

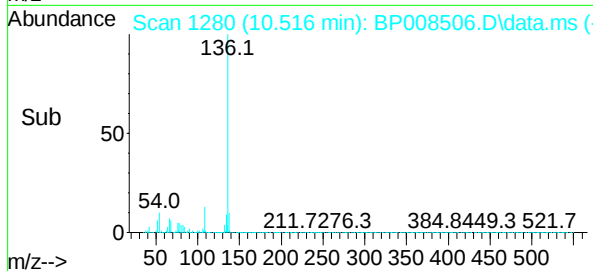
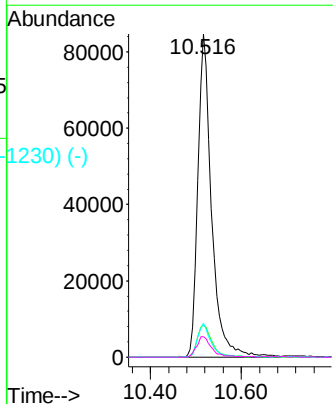
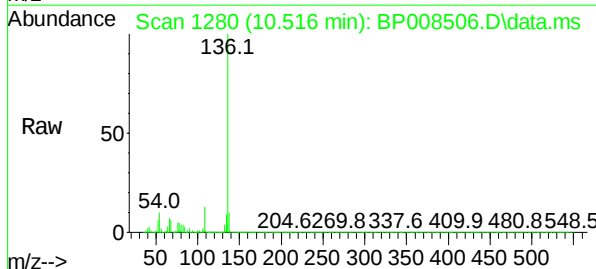
Instrument :
 BNA_P
 ClientSampleId :
 TP4

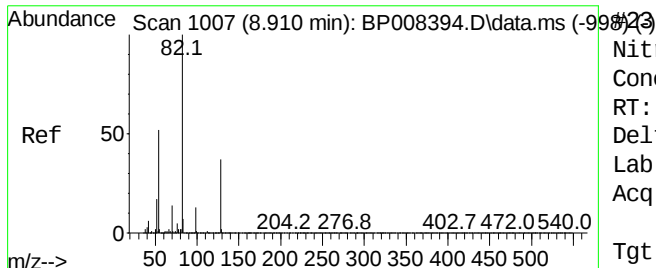
Tgt Ion:	99	Resp:	373496
Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.6	22.0
71	42.6	31.1	46.7



Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.516 min Scan# 1280
 Delta R.T. -0.006 min
 Lab File: BP008506.D
 Acq: 19 Dec 2021 00:53

Tgt Ion:	136	Resp:	176364
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.0	13.6
54	10.4	8.2	12.4
68	6.3	5.8	8.8





Nitrobenzene-d5

Concen: 62.088 ng

RT: 8.887 min Scan#

Delta R.T. -0.012 min

Lab File: BP008506.D

Acq: 19 Dec 2021 00:53

Instrument :

BNP_P

ClientSampleId :

TP4

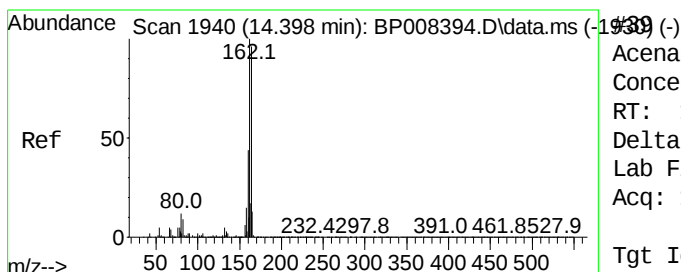
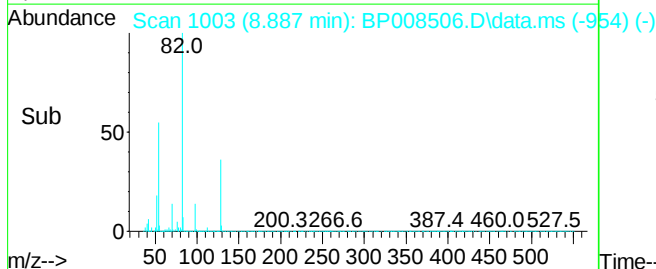
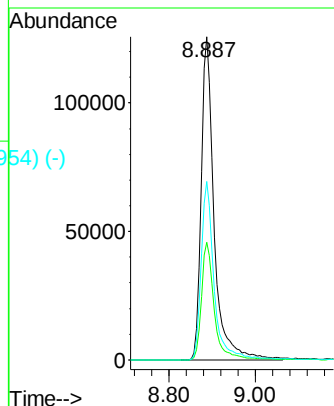
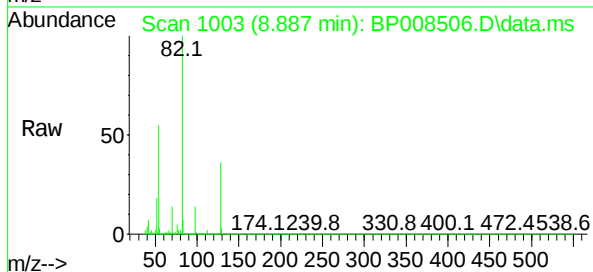
Tgt Ion: 82 Resp: 258471

Ion Ratio Lower Upper

82 100

128 36.4 29.6 44.4

54 55.2 42.7 64.1



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.375 min Scan# 1936

Delta R.T. -0.012 min

Lab File: BP008506.D

Acq: 19 Dec 2021 00:53

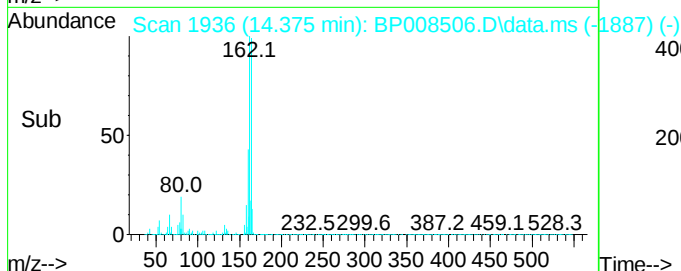
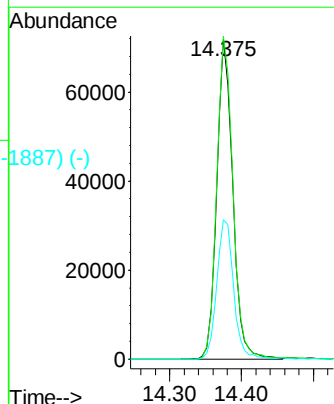
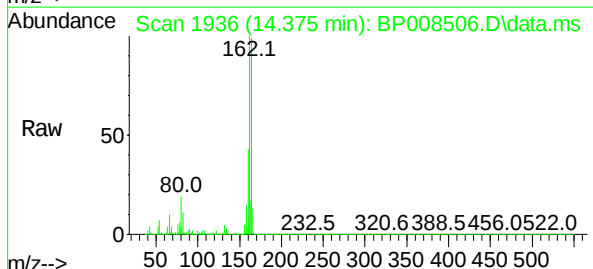
Tgt Ion: 164 Resp: 110974

Ion Ratio Lower Upper

164 100

162 101.0 81.9 122.9

160 43.5 35.4 53.0



Abundance Scan 2196 (15.904 min): BP008394.D\data.ms (-2143) (-)

2,4,6-Tribromophenol

Concen: 87.893 ng

RT: 15.887 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP008506.D

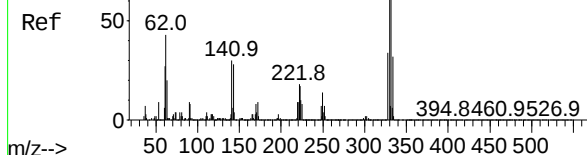
Acq: 19 Dec 2021 00:53

Instrument :

BNA_P

ClientSampleId :

TP4



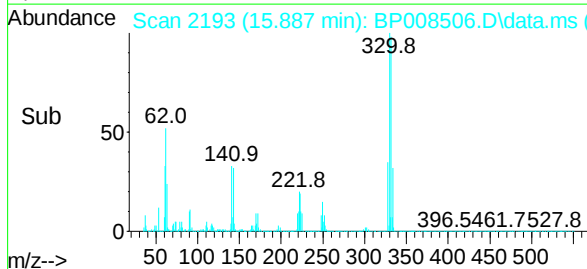
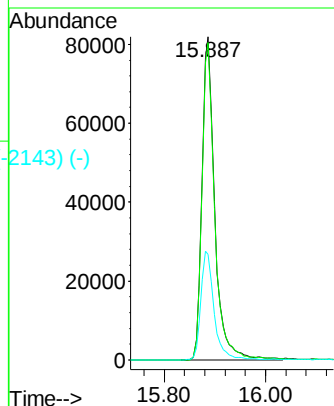
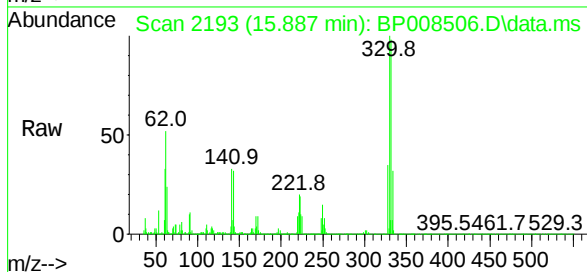
Tgt Ion:330 Resp: 143340

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.4

141 34.8 28.4 42.6



Abundance Scan 1705 (13.016 min): BP008394.D\data.ms (-1652) (-)

2-Fluorobiphenyl

Concen: 57.538 ng

RT: 12.993 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BP008506.D

Acq: 19 Dec 2021 00:53

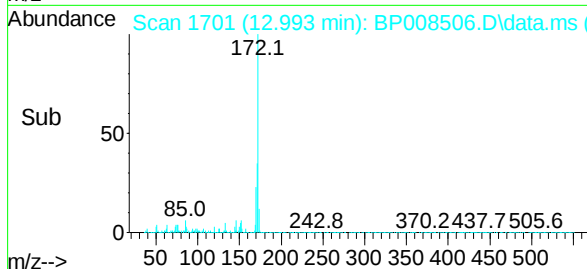
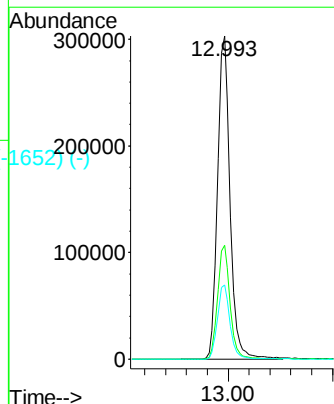
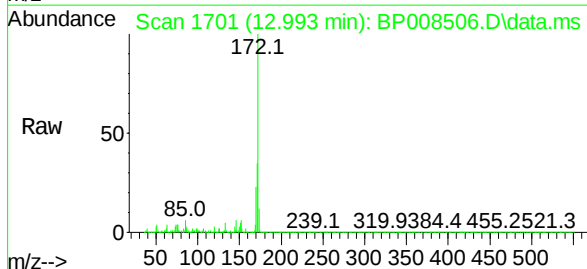
Tgt Ion:172 Resp: 502301

Ion Ratio Lower Upper

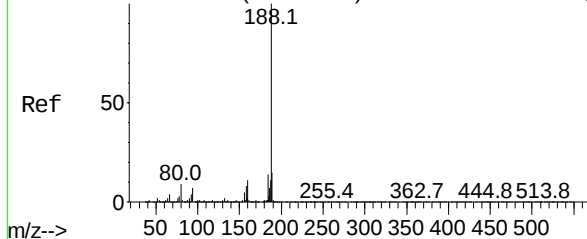
172 100

171 35.2 28.0 42.0

170 23.0 18.9 28.3



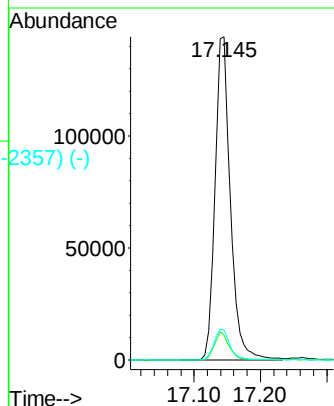
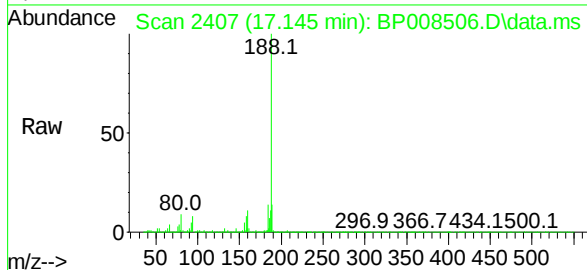
Abundance Scan 2410 (17.163 min): BP008394.D\data.ms (-2404) (-)



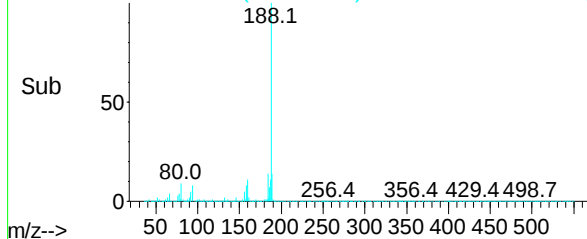
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BP008506.D
Acq: 19 Dec 2021 00:53

Instrument :
BNA_P
ClientSampleId :
TP4

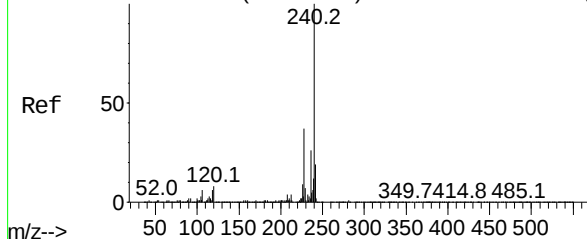
Tgt Ion:	188	Resp:	230380
Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.2	10.8
80	9.4	8.2	12.4



Abundance Scan 2407 (17.145 min): BP008506.D\data.ms (-2357) (-)

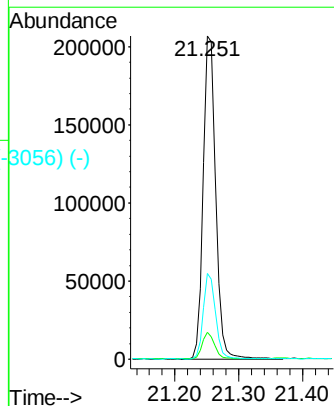
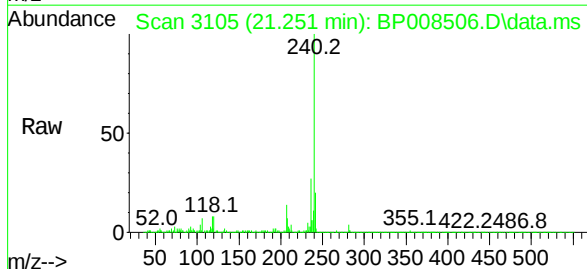


Abundance Scan 3108 (21.269 min): BP008394.D\data.ms (-3095) (-)

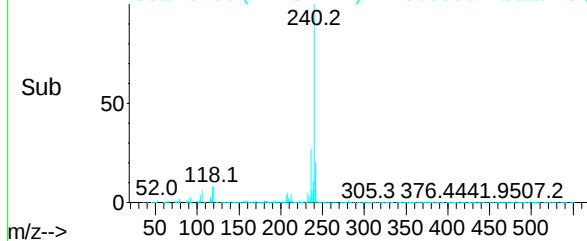


Chrysene-d12
Concen: 20.000 ng
RT: 21.251 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BP008506.D
Acq: 19 Dec 2021 00:53

Tgt Ion:	240	Resp:	281300
Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.3	10.9
236	26.6	21.4	32.2



Abundance Scan 3105 (21.251 min): BP008506.D\data.ms (-3056) (-)



Abundance Scan 2847 (19.733 min): BP008394.D\data.ms (-2839) (-)

Terphenyl-d14

Concen: 49.819 ng

RT: 19.716 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP008506.D

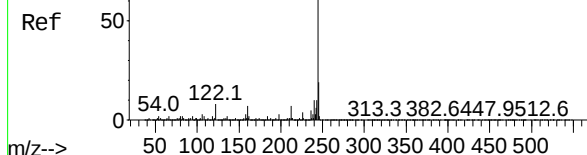
Acq: 19 Dec 2021 00:53

Instrument :

BNA_P

ClientSampleId :

TP4



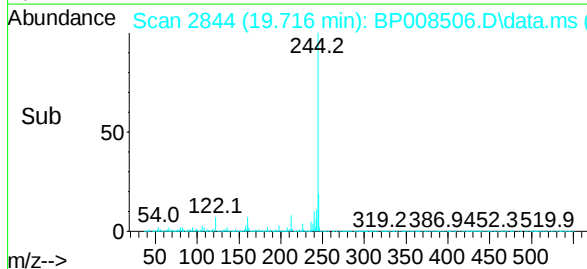
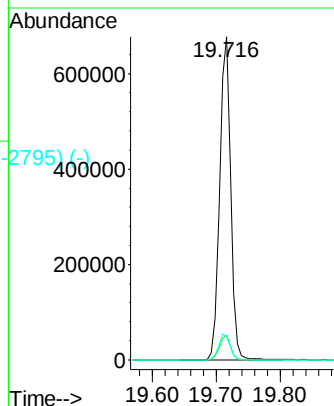
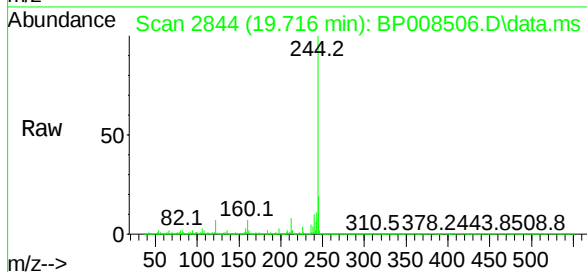
Tgt Ion:244 Resp: 805220

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 7.2 6.6 9.8



Abundance Scan 3511 (23.639 min): BP008394.D\data.ms (-3506) (-)

Perylene-d12

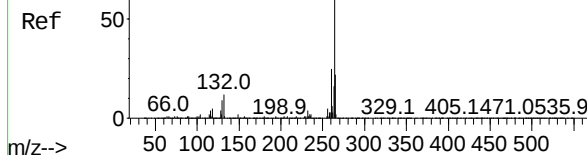
Concen: 20.000 ng

RT: 23.616 min Scan# 3507

Delta R.T. -0.018 min

Lab File: BP008506.D

Acq: 19 Dec 2021 00:53



Tgt Ion:264 Resp: 316376

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 22.4 17.6 26.4

