

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120921\
 Data File : BP008305.D
 Acq On : 09 Dec 2021 10:40
 Operator : CG/JU
 Sample : PB141259BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141259BL

Quant Time: Dec 10 04:02:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 01:43:36 2021
 Response via : Initial Calibration

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

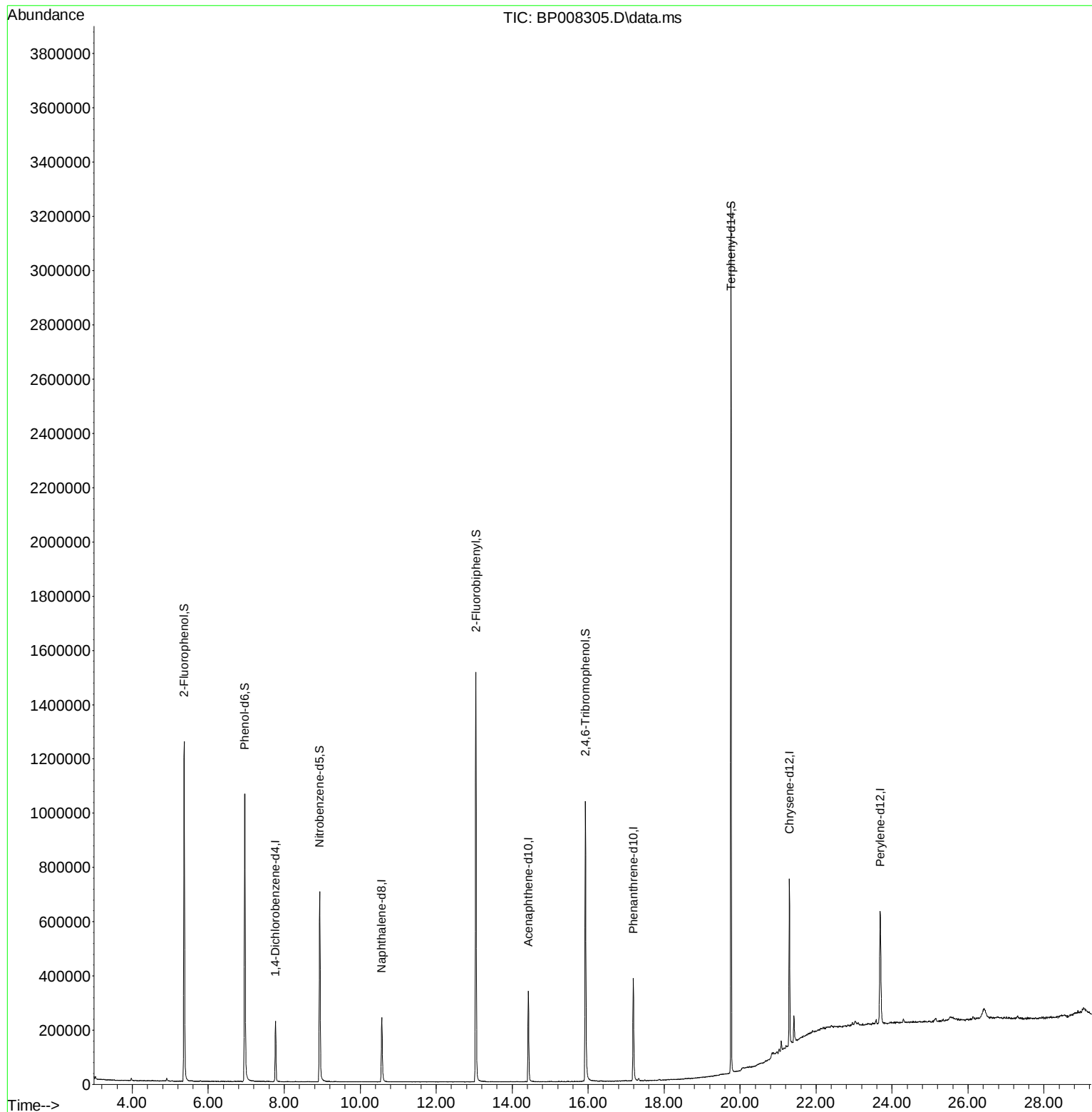
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	57384	20.00	ng	0.00
21) Naphthalene-d8	10.569	136	203132	20.00	ng	0.00
39) Acenaphthene-d10	14.427	164	123305	20.00	ng	0.00
64) Phenanthrene-d10	17.192	188	260346	20.00	ng	0.00
76) Chrysene-d12	21.298	240	313287	20.00	ng	0.00
86) Perylene-d12	23.686	264	355784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	506009	141.98	ng	0.00
7) Phenol-d6	6.957	99	626339	130.18	ng	0.00
23) Nitrobenzene-d5	8.934	82	431128	96.51	ng	0.00
42) 2,4,6-Tribromophenol	15.927	330	221518	140.55	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	810378	95.46	ng	0.00
79) Terphenyl-d14	19.762	244	1424749	95.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.898	77	81	Below Cal	#	23
78) Pyrene	19.580	202	517	Below Cal	#	90

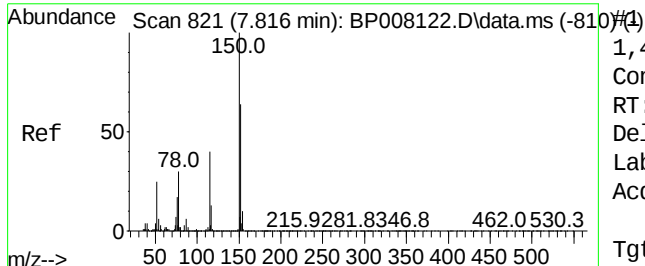
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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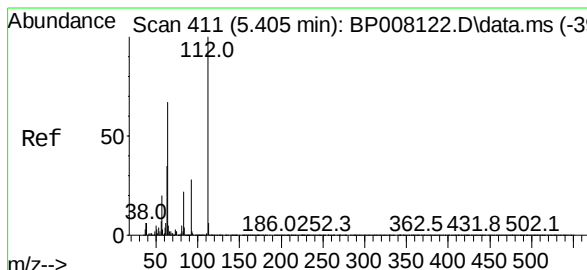
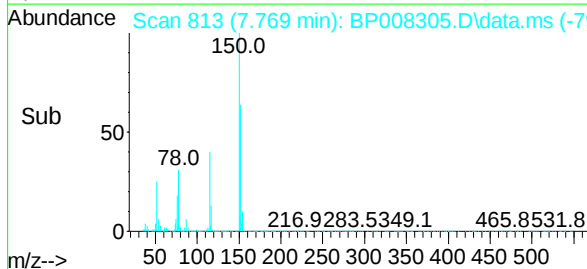
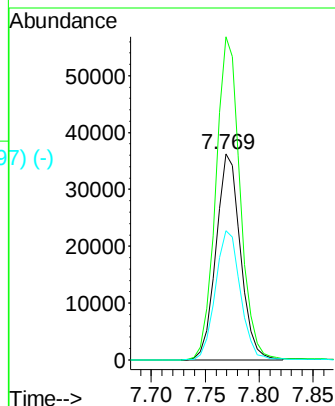
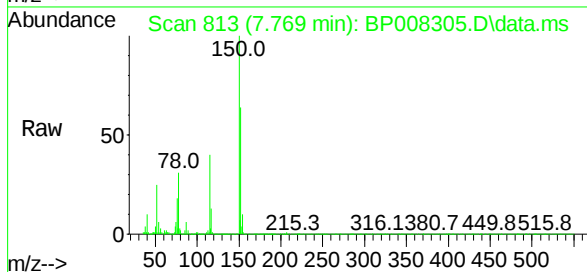




1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP008305.D
Acq: 09 Dec 2021 10:40

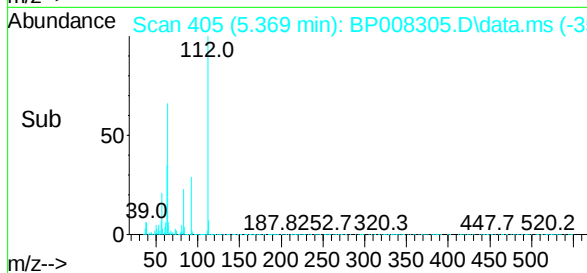
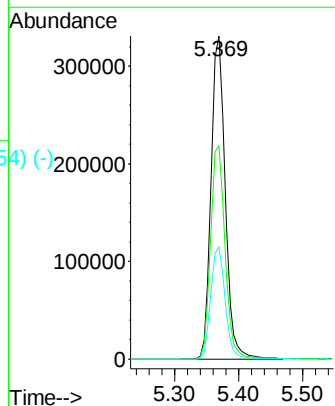
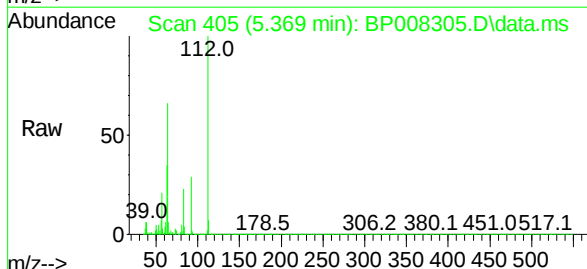
Instrument :
BNA_P
ClientSampleId :
PB141259BL

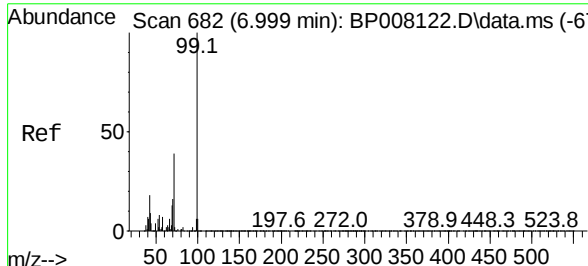
Tgt Ion:152 Resp: 57384
Ion Ratio Lower Upper
152 100
150 156.9 125.7 188.5
115 62.8 50.7 76.1



2-Fluorophenol
Concen: 141.98 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.000 min
Lab File: BP008305.D
Acq: 09 Dec 2021 10:40

Tgt Ion:112 Resp: 506009
Ion Ratio Lower Upper
112 100
64 66.2 53.4 80.2
63 34.9 27.8 41.8

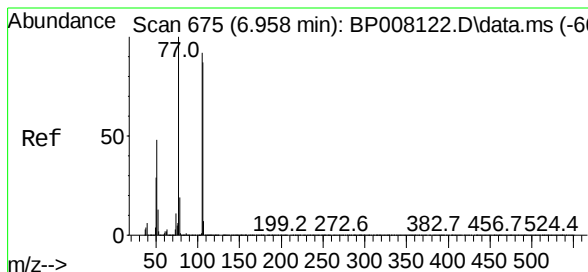
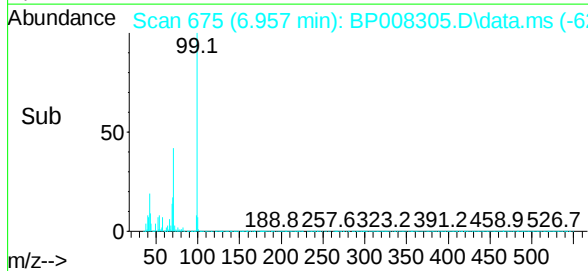
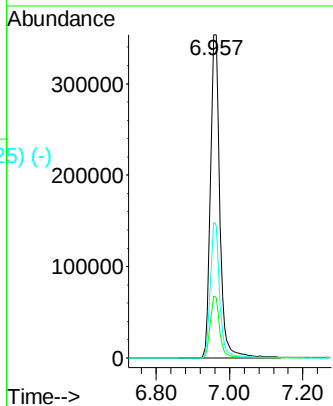
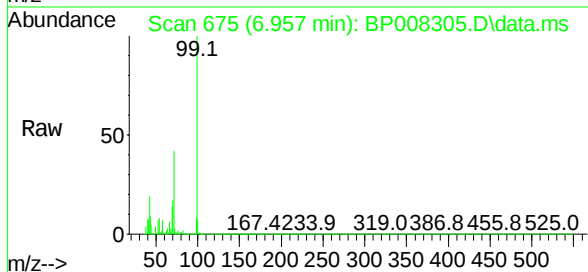




Phenol-d6
 Concen: 130.18 ng
 RT: 6.957 min Scan# 665
 Delta R.T. -0.006 min
 Lab File: BP008305.D
 Acq: 09 Dec 2021 10:40

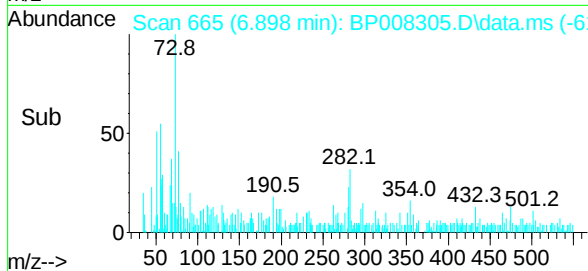
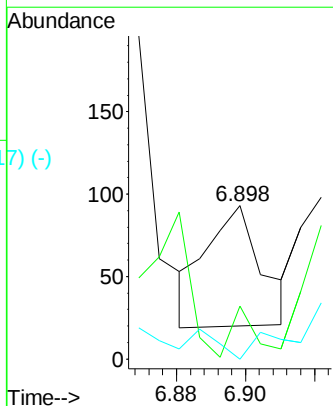
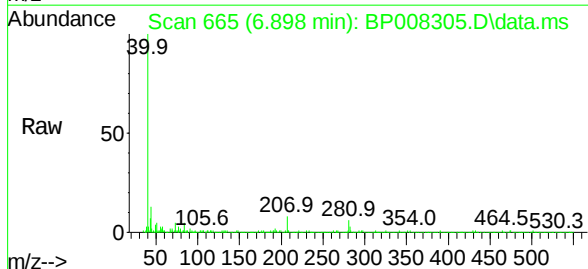
Instrument :
 BNA_P
 ClientSampleId :
 PB141259BL

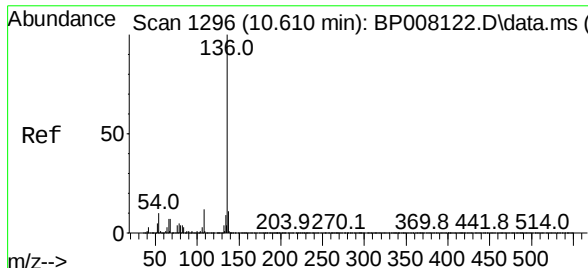
Tgt Ion:	99	Resp:	626339
Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.6	22.0
71	42.1	31.1	46.7



Benzaldehyde
 Concen: Below Cal
 RT: 6.898 min Scan# 665
 Delta R.T. -0.018 min
 Lab File: BP008305.D
 Acq: 09 Dec 2021 10:40

Tgt Ion:	77	Resp:	81
Ion	Ratio	Lower	Upper
77	100		
105	34.4	71.8	111.8#
106	0.0	67.3	107.3#

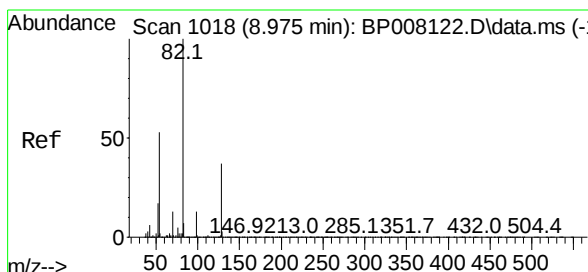
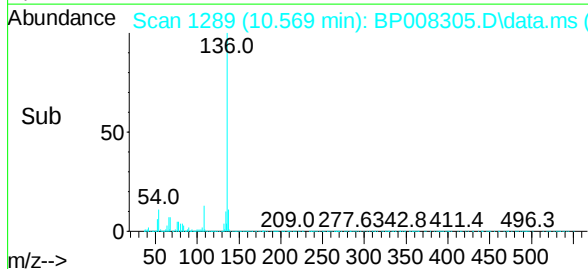
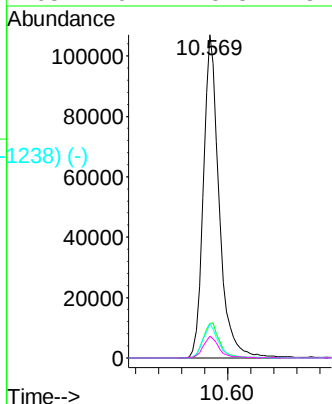
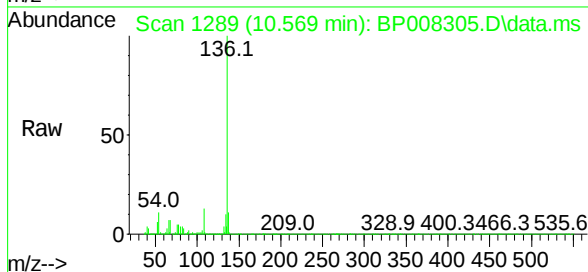




Naphthalene-d8
Concen: 20.00 ng
RT: 10.569 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BP008305.D
Acq: 09 Dec 2021 10:40

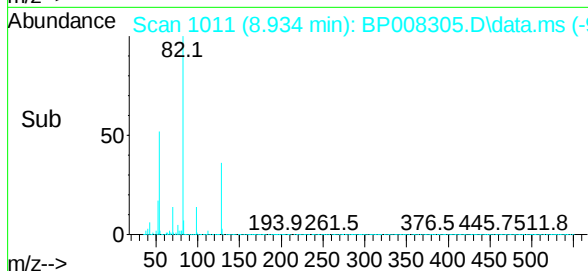
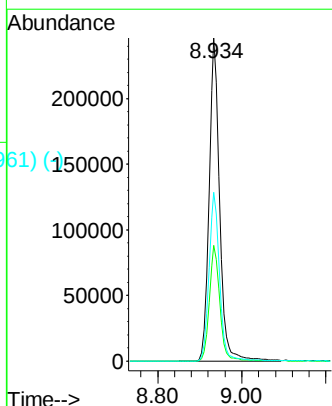
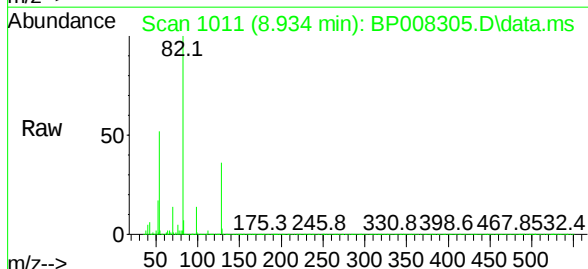
Instrument :
BNA_P
ClientSampleId :
PB141259BL

Tgt Ion:	136	Resp:	203132
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	10.7	8.2	12.4
68	6.7	5.8	8.8

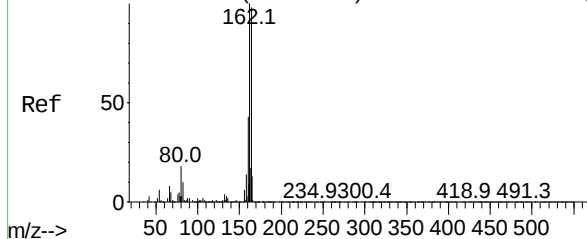


Nitrobenzene-d5
Concen: 96.51 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BP008305.D
Acq: 09 Dec 2021 10:40

Tgt Ion:	82	Resp:	431128
Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.6	44.4
54	52.2	42.7	64.1



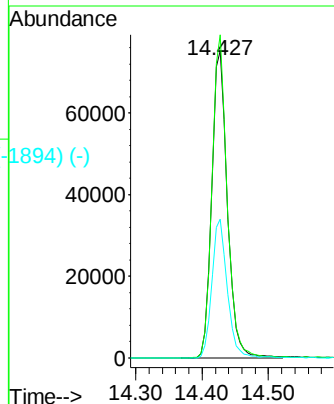
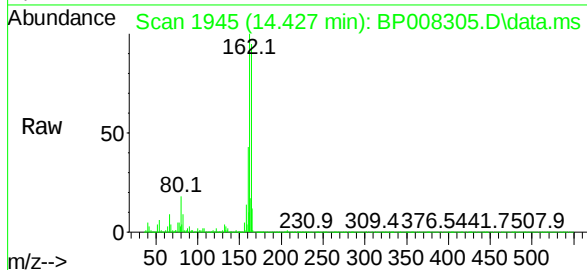
Abundance Scan 1950 (14.457 min): BP008122.D\data.ms (-1939) (-)



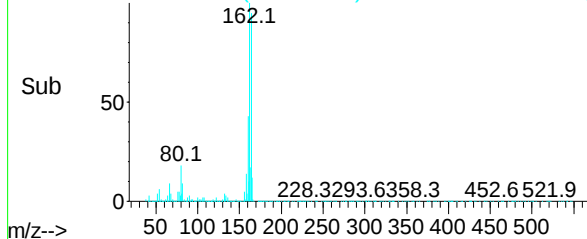
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.427 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BP008305.D
Acq: 09 Dec 2021 10:40

Instrument :
BNA_P
ClientSampleId :
PB141259BL

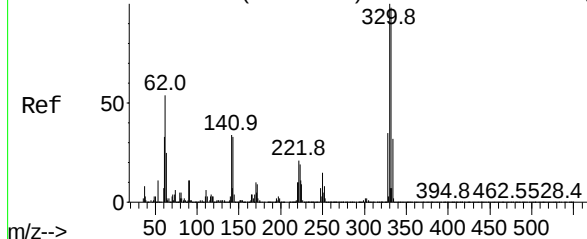
Tgt Ion:164 Resp: 123305
Ion Ratio Lower Upper
164 100
162 105.1 81.9 122.9
160 45.2 35.4 53.0



Abundance Scan 1945 (14.427 min): BP008305.D\data.ms (-1894) (-)

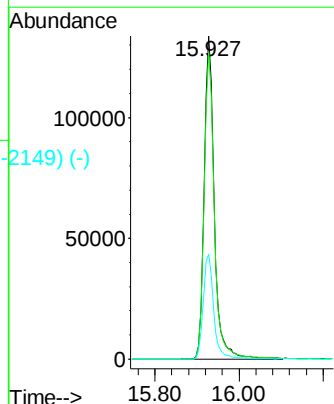
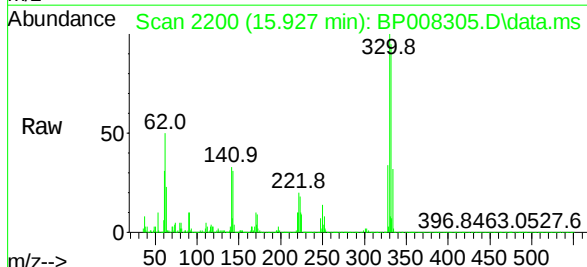


Abundance Scan 2205 (15.957 min): BP008122.D\data.ms (-2196) (-)

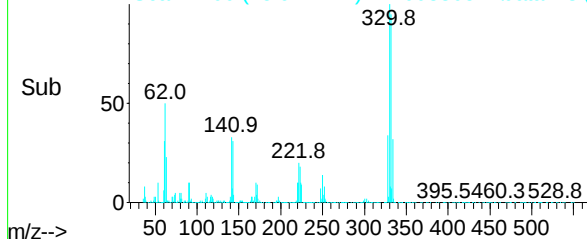


2,4,6-Tribromophenol
Concen: 140.55 ng
RT: 15.927 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BP008305.D
Acq: 09 Dec 2021 10:40

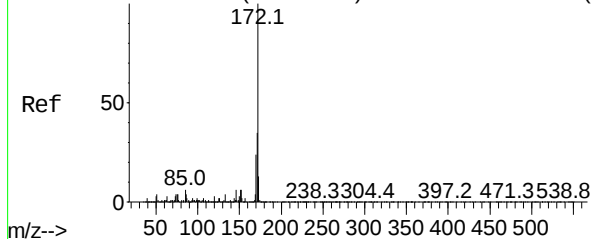
Tgt Ion:330 Resp: 221518
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.4
141 33.7 28.4 42.6



Abundance Scan 2200 (15.927 min): BP008305.D\data.ms (-2149) (-)



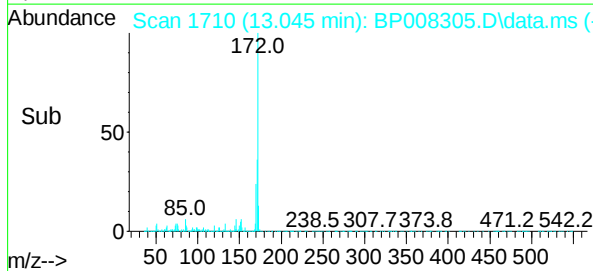
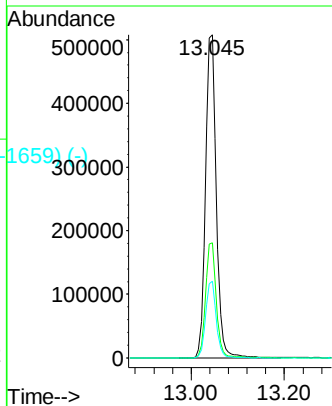
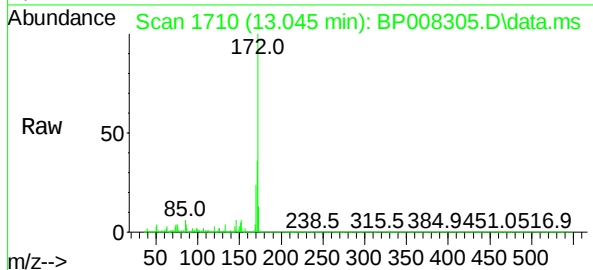
Abundance Scan 1716 (13.081 min): BP008122.D\data.ms (-1705)



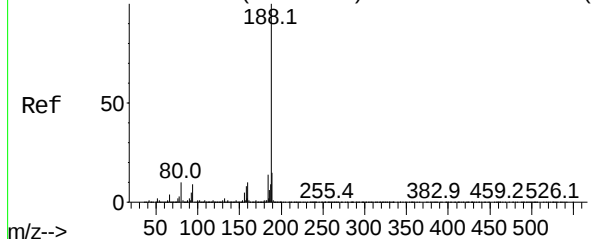
2-Fluorobiphenyl
Concen: 95.46 ng
RT: 13.045 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BP008305.D
Acq: 09 Dec 2021 10:40

Instrument :
BNA_P
ClientSampleId :
PB141259BL

Tgt Ion:	172	Resp:	810378
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.0	42.0
170	23.7	18.9	28.3

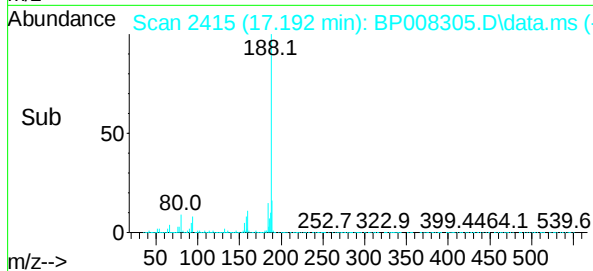
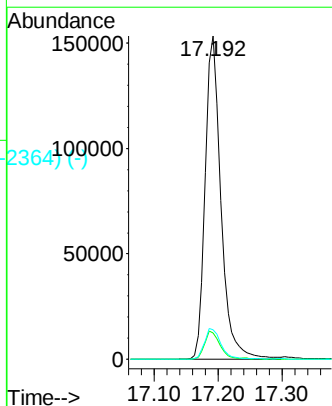
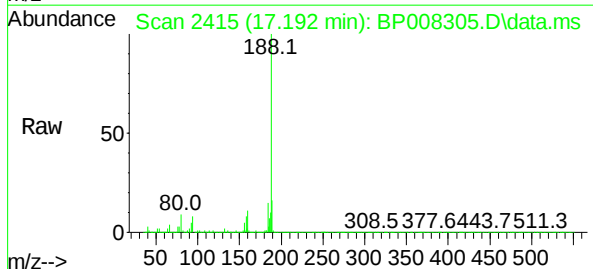


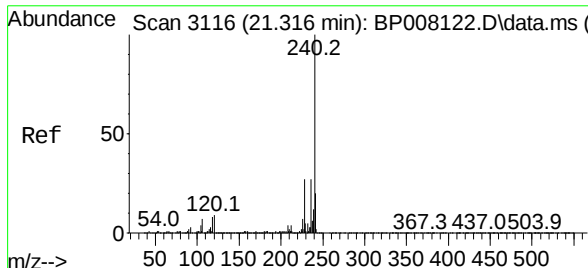
Abundance Scan 2419 (17.216 min): BP008122.D\data.ms (-2404)



Phenanthrene-d10
Concen: 20.00 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BP008305.D
Acq: 09 Dec 2021 10:40

Tgt Ion:	188	Resp:	260346
Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	9.1	8.2	12.4

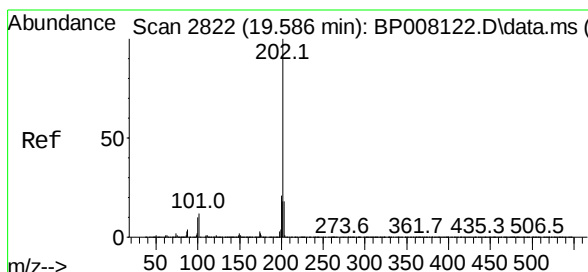
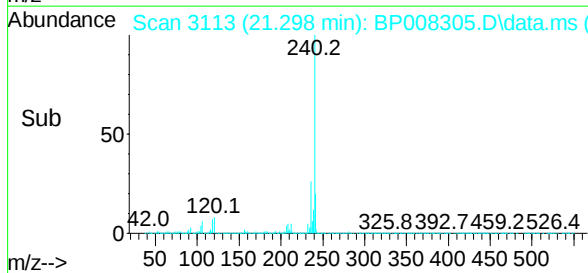
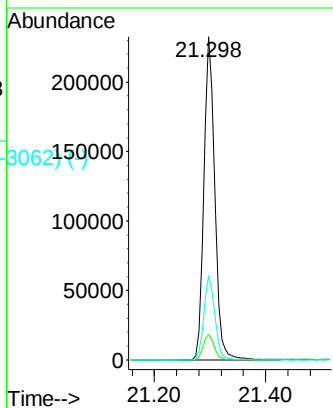
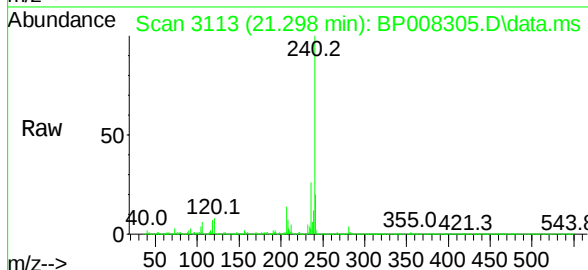




Chrysene-d12
 Concen: 20.00 ng
 RT: 21.298 min Scan# 3113
 Delta R.T. -0.000 min
 Lab File: BP008305.D
 Acq: 09 Dec 2021 10:40

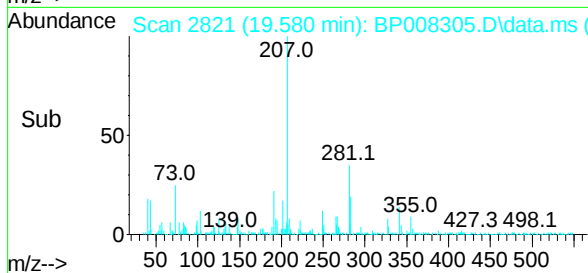
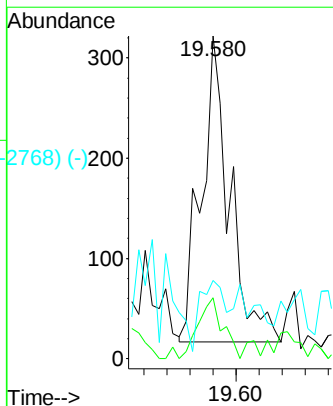
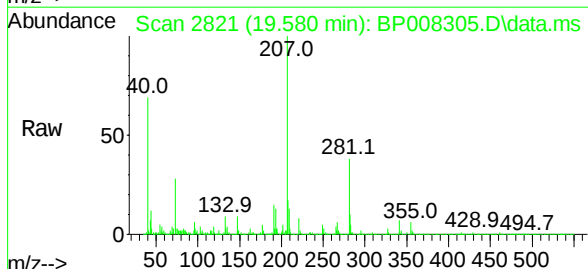
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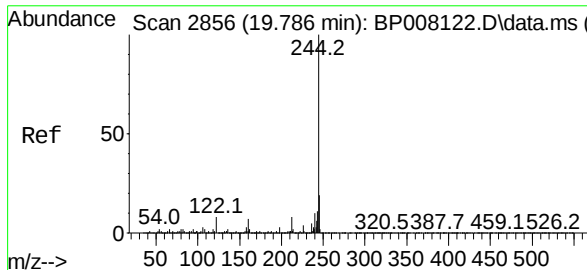
Tgt Ion:	240	Resp:	313287
Ion Ratio	Lower	Upper	
240	100		
120	7.8	7.3	10.9
236	26.0	21.4	32.2



Pyrene
 Concen: Below Cal
 RT: 19.580 min Scan# 2821
 Delta R.T. 0.011 min
 Lab File: BP008305.D
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Tgt Ion:	202	Resp:	517
Ion Ratio	Lower	Upper	
202	100		
200	18.9	17.1	25.7
203	24.2	14.2	21.2#





Terphenyl-d14

Concen: 95.04 ng

RT: 19.762 min Scan# 2856

Delta R.T. -0.006 min

Lab File: BP008305.D

Acq: 09 Dec 2021 10:40

Instrument :

BNA_P

ClientSampleId :

PB141259BL

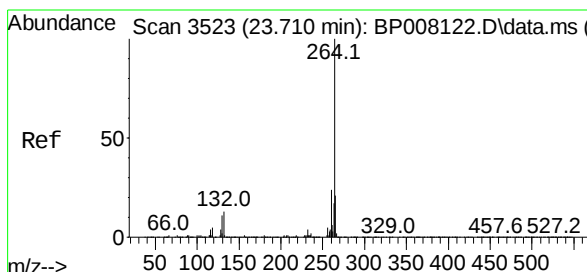
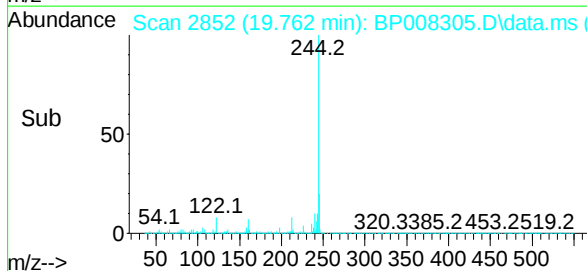
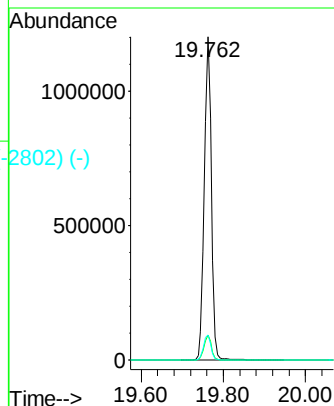
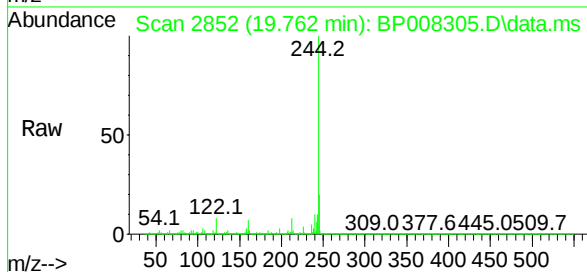
Tgt Ion:244 Resp: 1424749

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 7.7 6.6 9.8



Perylene-d12

Concen: 20.00 ng

RT: 23.686 min Scan# 3519

Delta R.T. -0.000 min

Lab File: BP008305.D

Acq: 09 Dec 2021 10:40

Tgt Ion:264 Resp: 355784

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 23.1 17.6 26.4

