

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
 Data File : BP009181.D
 Acq On : 16 Feb 2022 16:37
 Operator : CG/JU
 Sample : N1477-05RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 17 01:59:01 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)

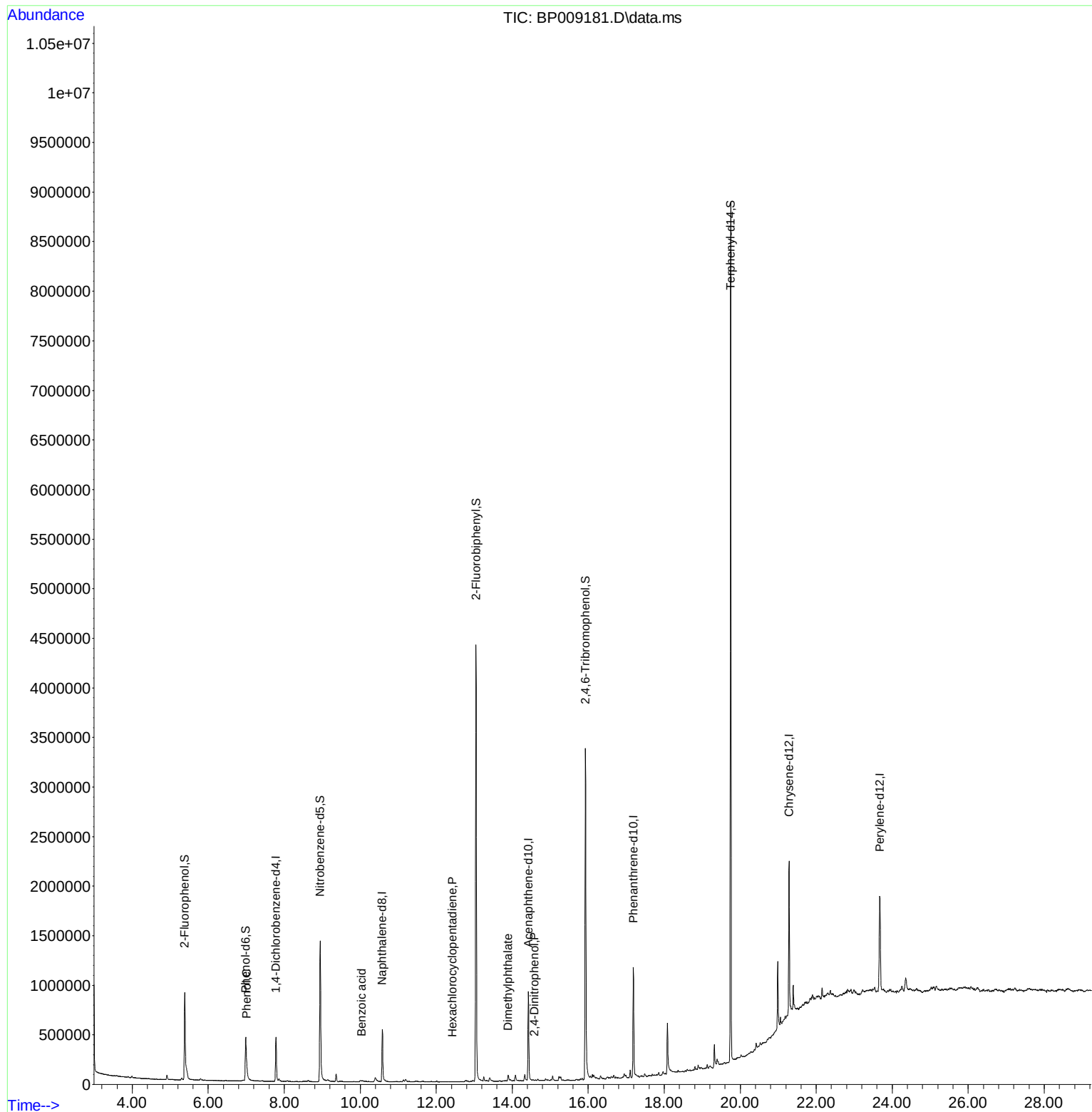
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	145133	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	524242	20.000	ng	0.00
39) Acenaphthene-d10	14.428	164	349075	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	774737	20.000	ng	0.00
76) Chrysene-d12	21.286	240	831442	20.000	ng	0.00
86) Perylene-d12	23.668	264	881617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	530913	65.254	ng	0.00
7) Phenol-d6	6.987	99	392845	36.643	ng	0.01
23) Nitrobenzene-d5	8.946	82	995110	107.046	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	850117	182.398	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	2564188	102.831	ng	0.00
79) Terphenyl-d14	19.751	244	4226176	91.408	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.010	94	43331	4.020	ng	78
32) Benzoic acid	10.040	122	3249	3.359	ng	95
41) Hexachlorocyclopentadiene	12.428	237	21	8.660	ng	75
50) Dimethylphthalate	13.892	163	50382	2.025	ng	98
54) 2,4-Dinitrophenol	14.587	184	74	2.200	ng	# 1

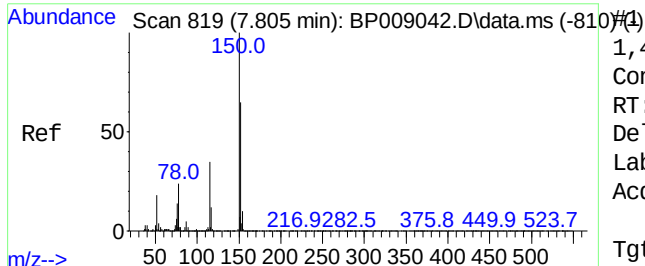
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:30:24 2022
Response via : Initial Calibration

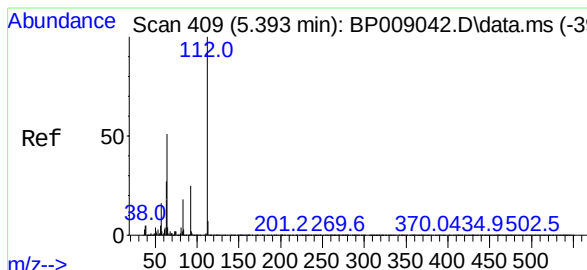
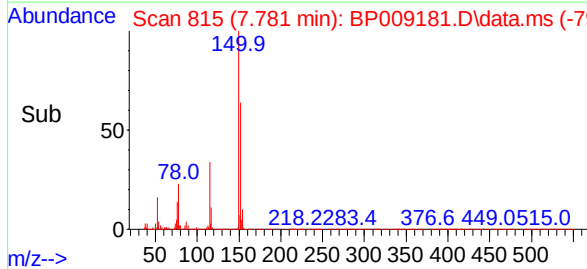
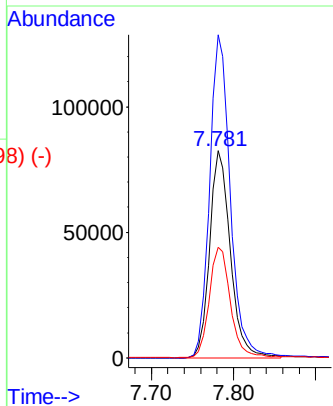
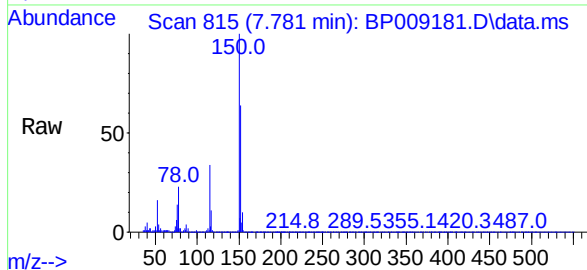




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.781 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: BP009181.D
 Acq: 16 Feb 2022 16:37

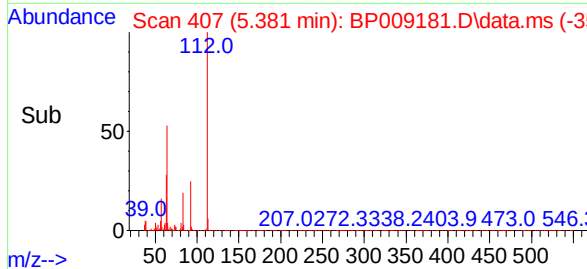
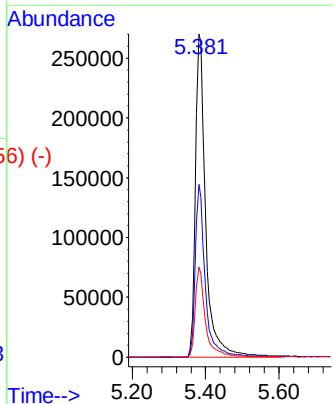
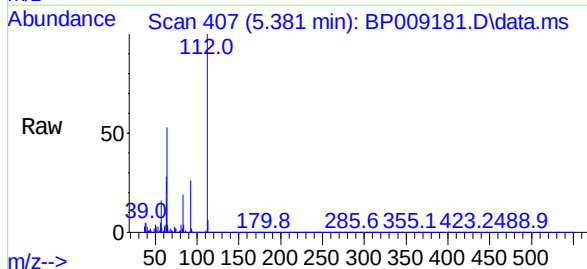
Instrument :
 BNA_P
 ClientSampleId :

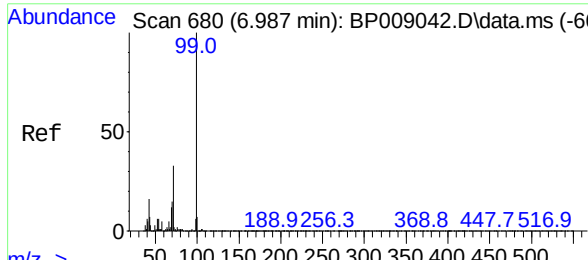
Tgt Ion:	152	Resp:	145133
Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.0	190.6
115	53.3	43.7	65.5



2-Fluorophenol
 Concen: 65.254 ng
 RT: 5.381 min Scan# 407
 Delta R.T. 0.000 min
 Lab File: BP009181.D
 Acq: 16 Feb 2022 16:37

Tgt Ion:	112	Resp:	530913
Ion	Ratio	Lower	Upper
112	100		
64	53.5	39.7	59.5
63	27.9	20.0	30.0

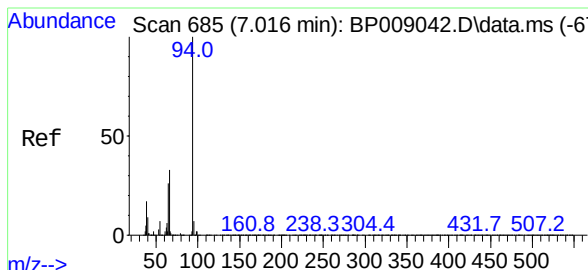
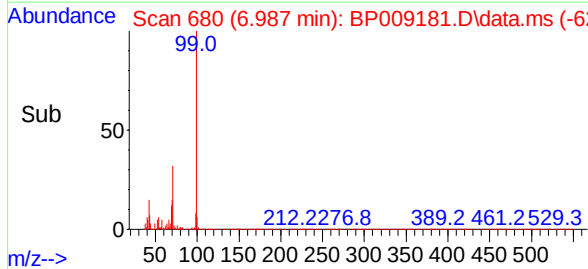
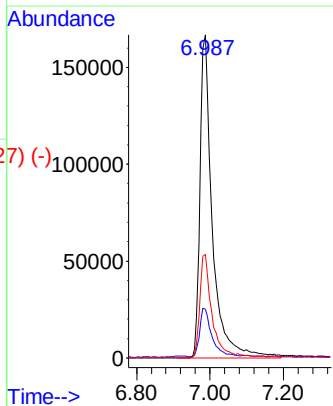
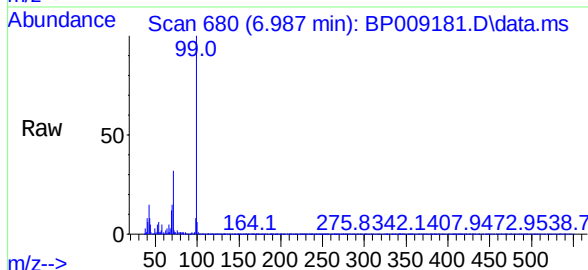




Phenol-d6
Concen: 36.643 ng
RT: 6.987 min Scan# 680
Delta R.T. 0.012 min
Lab File: BP009181.D
Acq: 16 Feb 2022 16:37

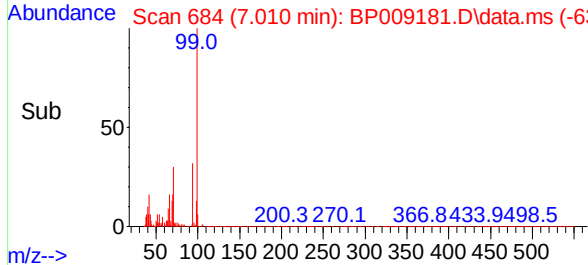
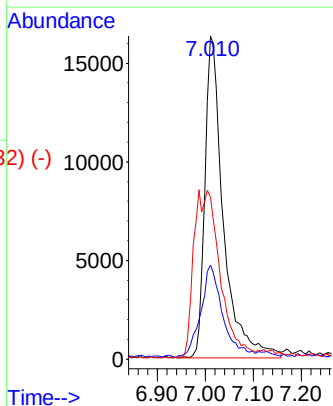
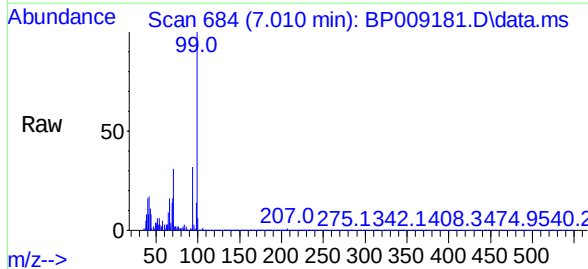
Instrument :
BNA_P
ClientSampleId :

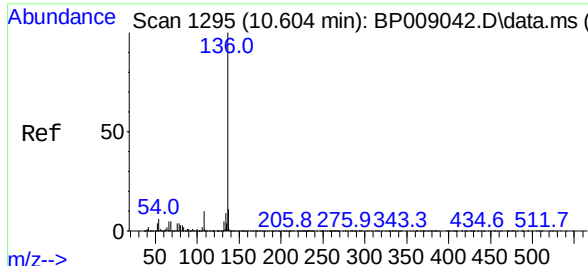
Tgt Ion: 99 Resp: 392845
Ion Ratio Lower Upper
99 100
42 15.1 10.8 16.2
71 32.2 23.8 35.6



Phenol
Concen: 4.020 ng
RT: 7.010 min Scan# 684
Delta R.T. 0.006 min
Lab File: BP009181.D
Acq: 16 Feb 2022 16:37

Tgt Ion: 94 Resp: 43331
Ion Ratio Lower Upper
94 100
65 29.2 4.1 44.1
66 50.1 12.4 52.4

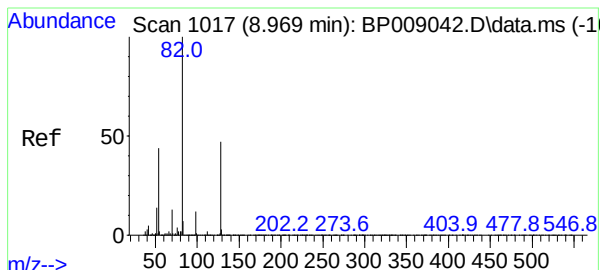
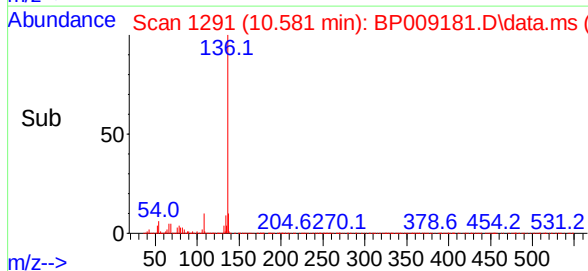
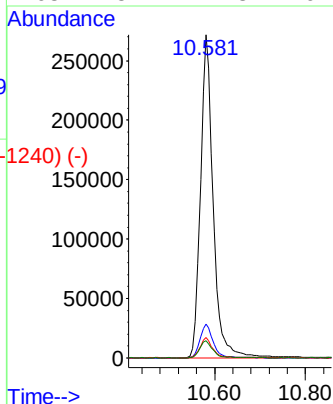
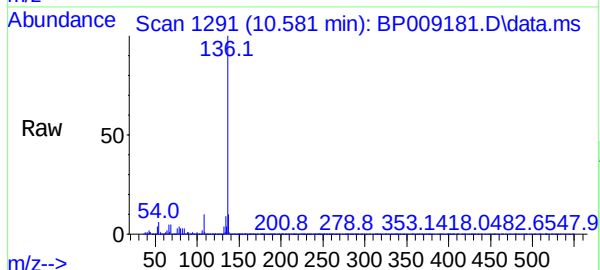




Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP009181.D
Acq: 16 Feb 2022 16:37

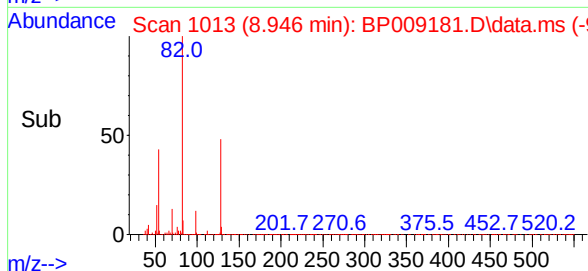
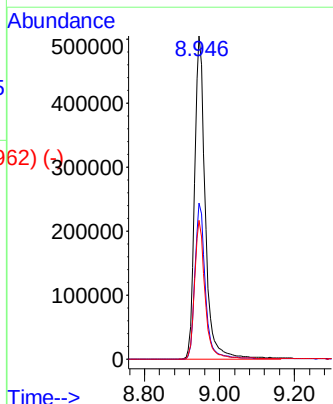
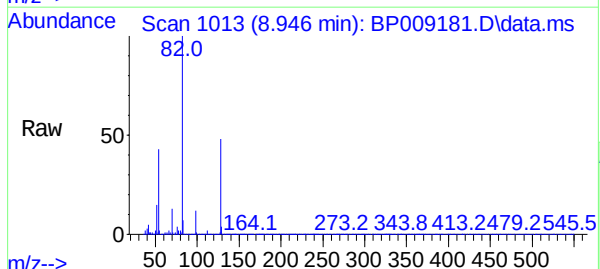
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:	136	Resp:	524242
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	6.3	4.9	7.3
68	5.4	4.3	6.5

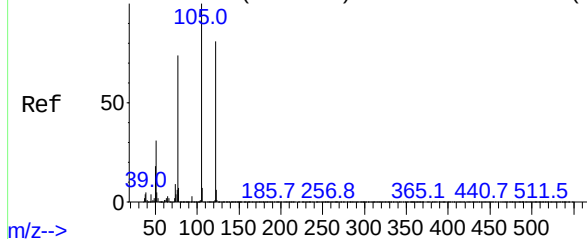


Nitrobenzene-d5
Concen: 107.046 ng
RT: 8.946 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP009181.D
Acq: 16 Feb 2022 16:37

Tgt Ion:	82	Resp:	995110
Ion	Ratio	Lower	Upper
82	100		
128	48.4	39.4	59.2
54	42.9	32.6	48.8



Abundance Scan 1187 (9.969 min): BP009042.D\data.ms (-11732)



Benzoic acid

Concen: 3.359 ng

RT: 10.040 min Scan#

Delta R.T. 0.047 min

Lab File: BP009181.D

Acq: 16 Feb 2022 16:37

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:122 Resp: 3249

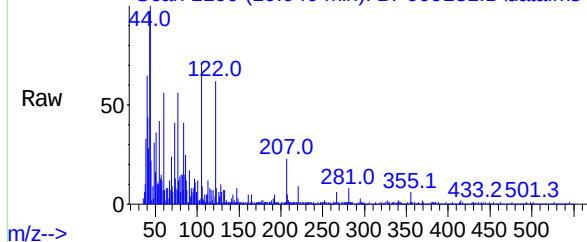
Ion Ratio Lower Upper

122 100

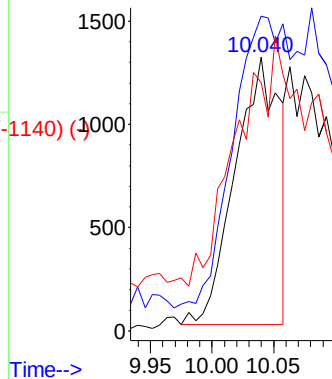
105 114.8 100.1 140.1

77 90.7 65.5 105.5

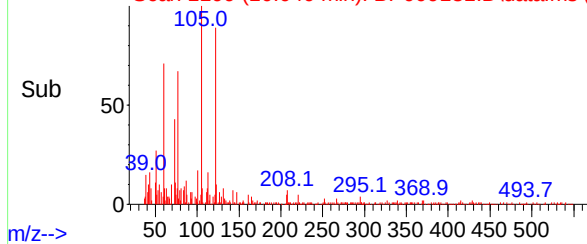
Abundance Scan 1199 (10.040 min): BP009181.D\data.ms



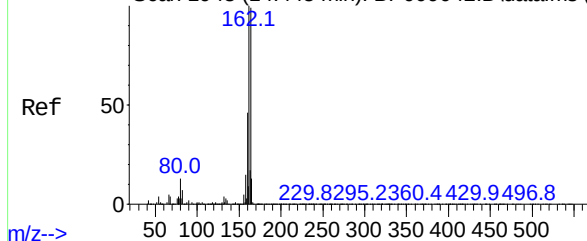
Abundance



Abundance Scan 1199 (10.040 min): BP009181.D\data.ms (-1140)



Abundance Scan 1948 (14.445 min): BP009042.D\data.ms (-1939)



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.428 min Scan# 1945

Delta R.T. 0.000 min

Lab File: BP009181.D

Acq: 16 Feb 2022 16:37

Tgt Ion:164 Resp: 349075

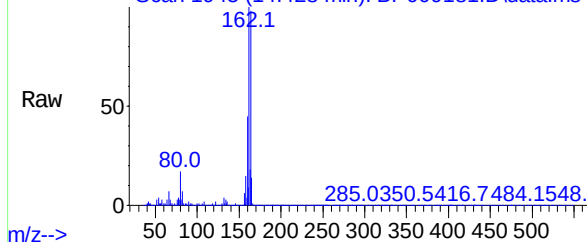
Ion Ratio Lower Upper

164 100

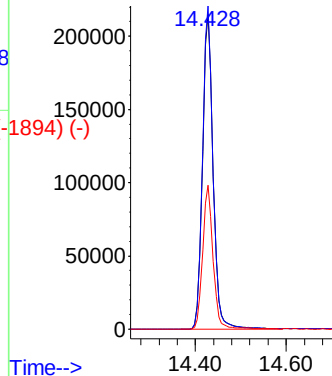
162 102.6 79.9 119.9

160 45.7 35.5 53.3

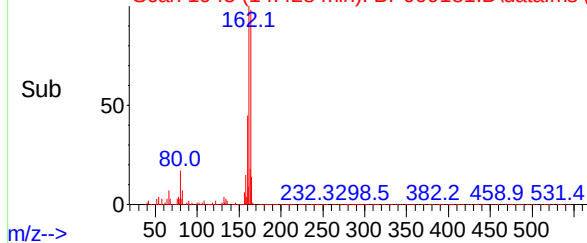
Abundance Scan 1945 (14.428 min): BP009181.D\data.ms

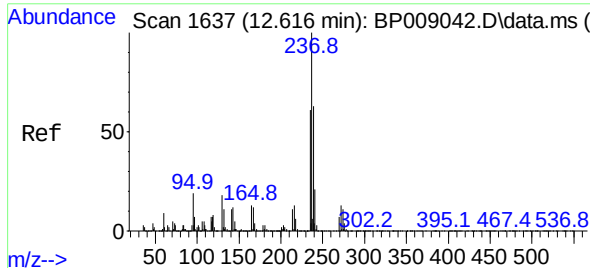


Abundance



Abundance Scan 1945 (14.428 min): BP009181.D\data.ms (-1894)

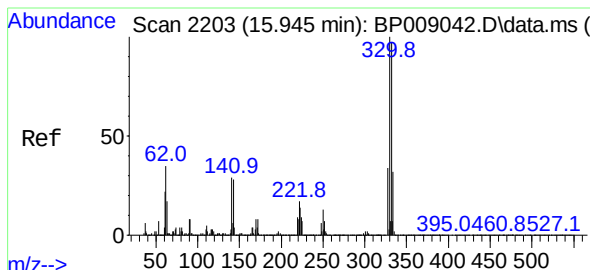
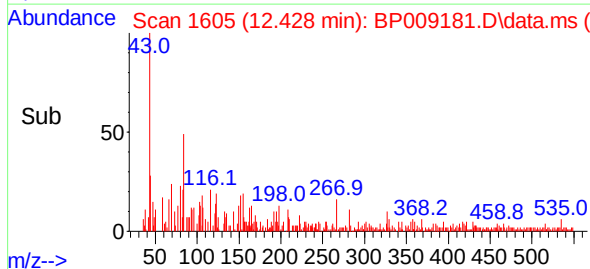
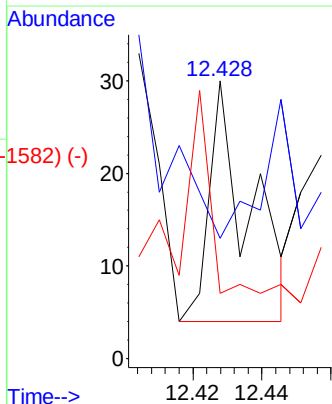
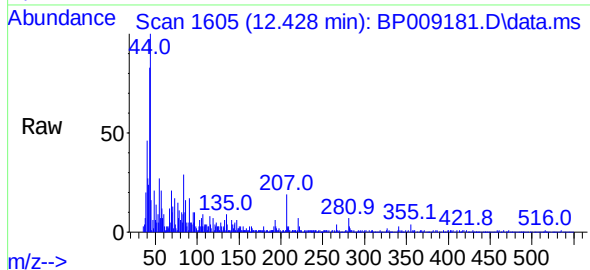




Hexachlorocyclopentadiene
Concen: 8.660 ng
RT: 12.428 min Scan# 1620
Delta R.T. -0.165 min
Lab File: BP009181.D
Acq: 16 Feb 2022 16:37

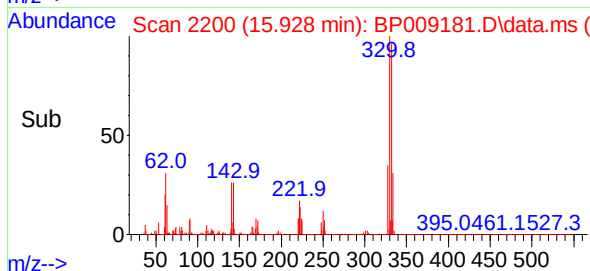
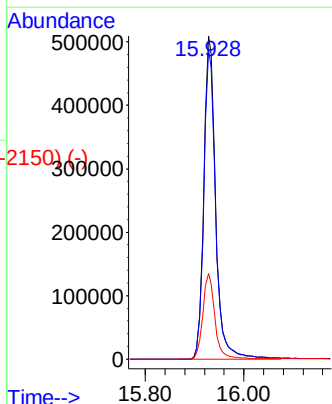
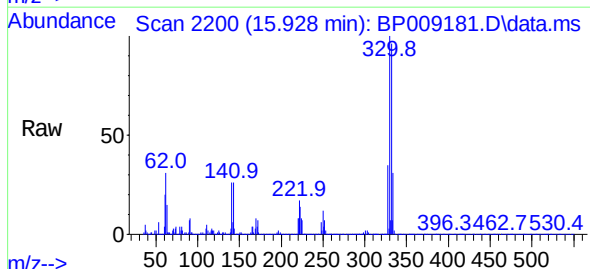
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:	237	Resp:	21
Ion	Ratio	Lower	Upper
237	100		
235	43.3	42.9	82.9
272	23.3	0.0	33.8

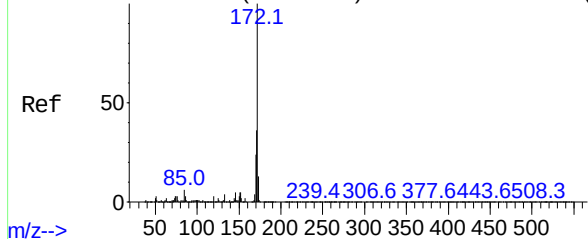


2,4,6-Tribromophenol
Concen: 182.398 ng
RT: 15.928 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BP009181.D
Acq: 16 Feb 2022 16:37

Tgt Ion:	330	Resp:	850117
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.4
141	27.2	21.3	31.9



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

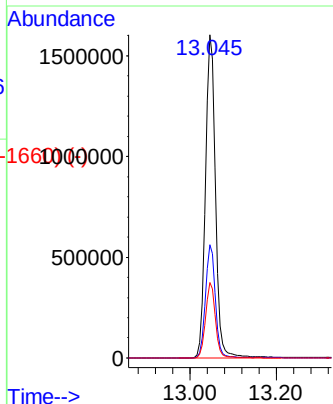
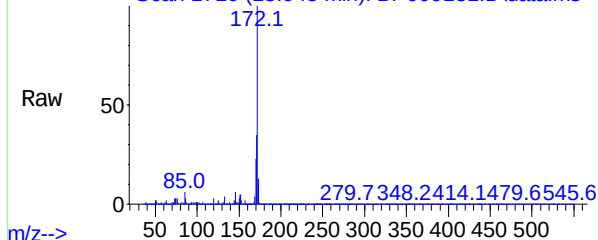


2-Fluorobiphenyl
Concen: 102.831 ng
RT: 13.045 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BP009181.D
Acq: 16 Feb 2022 16:37

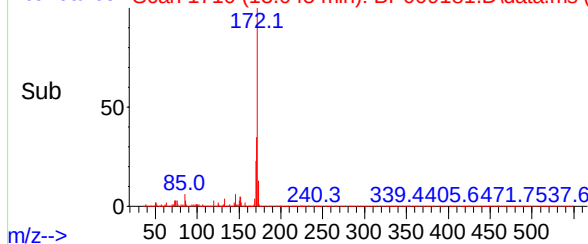
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:	172	Resp:	2564188
Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.3	43.9
170	23.4	19.5	29.3

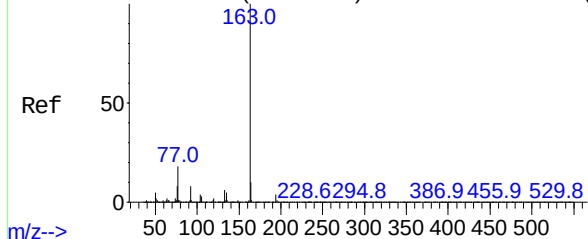
Abundance Scan 1710 (13.045 min): BP009181.D\data.ms



Abundance Scan 1710 (13.045 min): BP009181.D\data.ms (-166100)



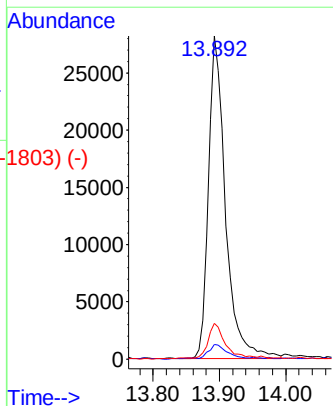
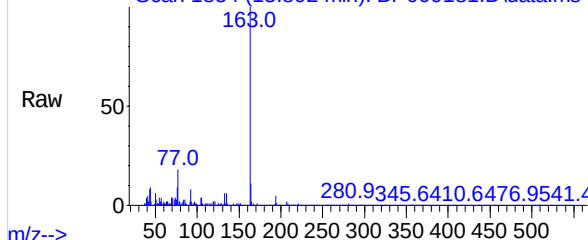
Abundance Scan 1857 (13.910 min): BP009042.D\data.ms (-1850)



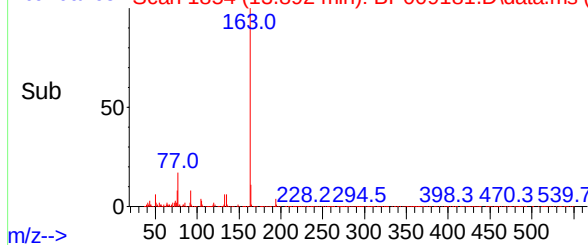
Dimethylphthalate
Concen: 2.025 ng
RT: 13.892 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BP009181.D
Acq: 16 Feb 2022 16:37

Tgt Ion:	163	Resp:	50382
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.6
164	11.0	8.2	12.2

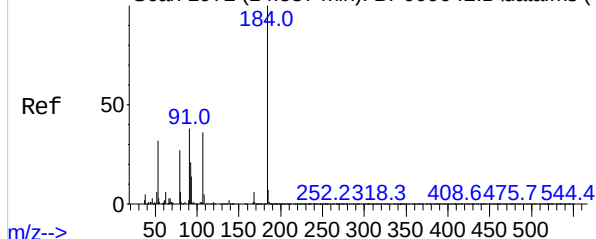
Abundance Scan 1854 (13.892 min): BP009181.D\data.ms



Abundance Scan 1854 (13.892 min): BP009181.D\data.ms (-1803)



Abundance Scan 1972 (14.587 min): BP009042.D\data.ms (-1954) (-)

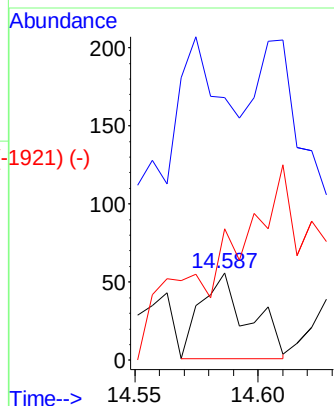
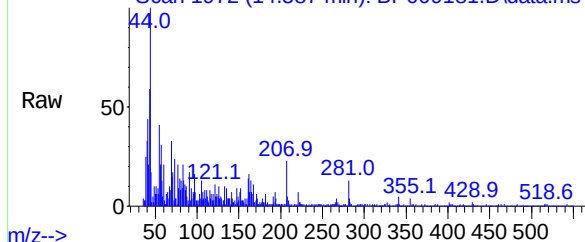


2,4-Dinitrophenol
Concen: 2.200 ng
RT: 14.587 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP009181.D
Acq: 16 Feb 2022 16:37

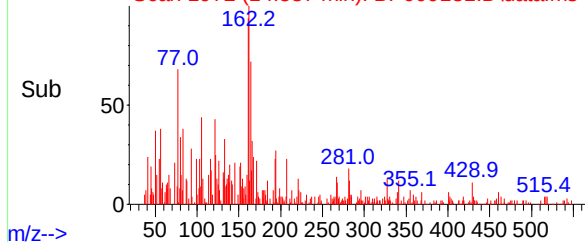
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:	184	Resp:	74
Ion	Ratio	Lower	Upper
184	100		
63	300.0	35.6	53.4#
154	150.0	43.4	65.0#

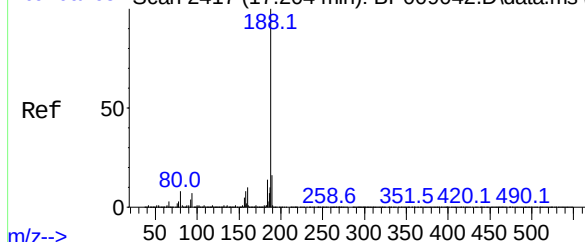
Abundance Scan 1972 (14.587 min): BP009181.D\data.ms



Abundance Scan 1972 (14.587 min): BP009181.D\data.ms (-1921) (-)



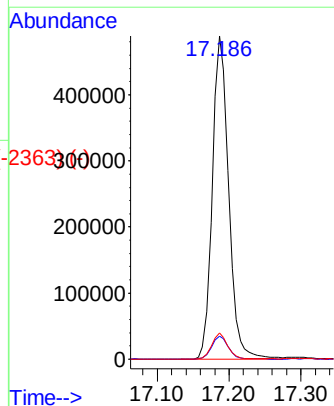
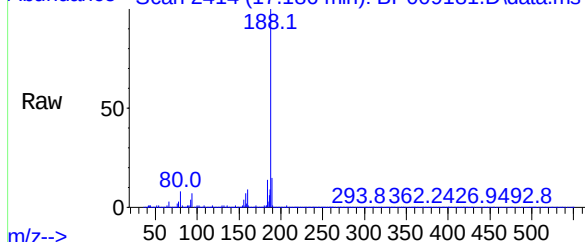
Abundance Scan 2417 (17.204 min): BP009042.D\data.ms (-2464) (-)



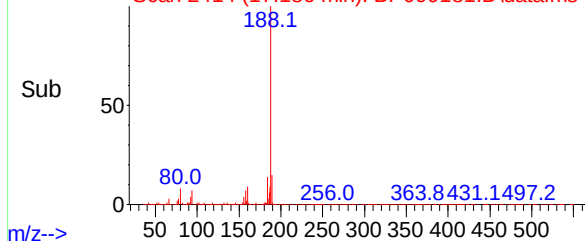
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BP009181.D
Acq: 16 Feb 2022 16:37

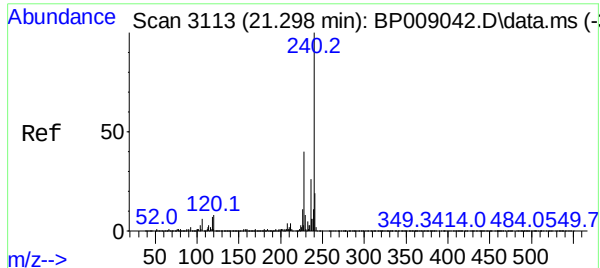
Tgt Ion:	188	Resp:	774737
Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.8	10.2
80	8.0	7.2	10.8

Abundance Scan 2414 (17.186 min): BP009181.D\data.ms



Abundance Scan 2414 (17.186 min): BP009181.D\data.ms (-236336) (-)





Chrysene-d12

Concen: 20.000 ng

RT: 21.286 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BP009181.D

Acq: 16 Feb 2022 16:37

Instrument :

BNA_P

ClientSampleId :

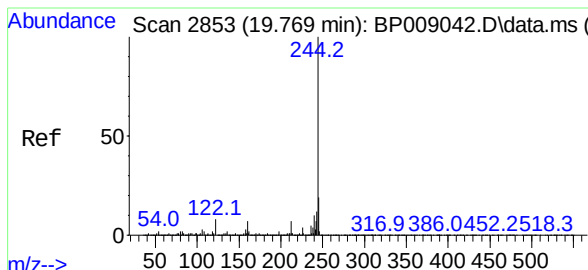
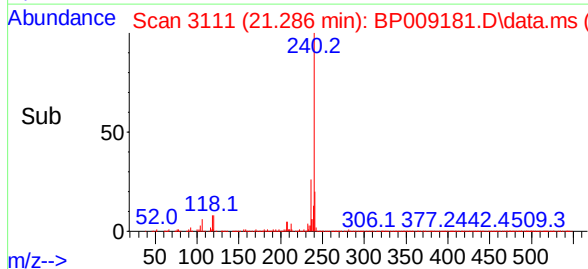
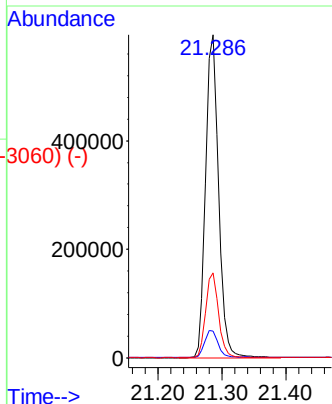
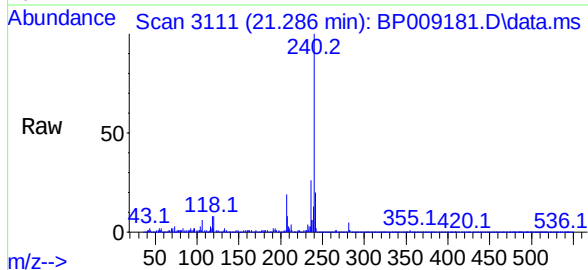
Tgt Ion:240 Resp: 831442

Ion Ratio Lower Upper

240 100

120 8.3 7.7 11.5

236 26.3 21.2 31.8



Terphenyl-d14

Concen: 91.408 ng

RT: 19.751 min Scan# 2850

Delta R.T. 0.000 min

Lab File: BP009181.D

Acq: 16 Feb 2022 16:37

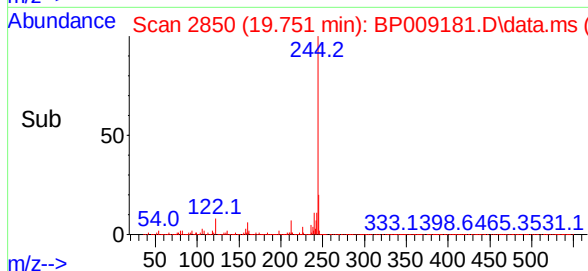
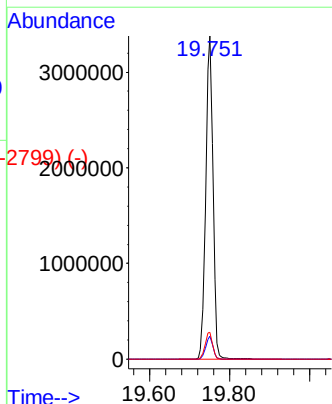
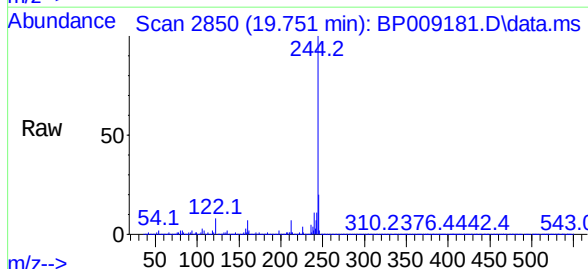
Tgt Ion:244 Resp: 4226176

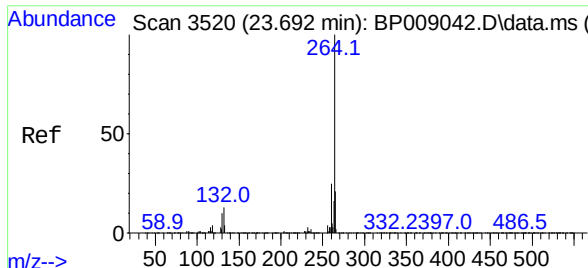
Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

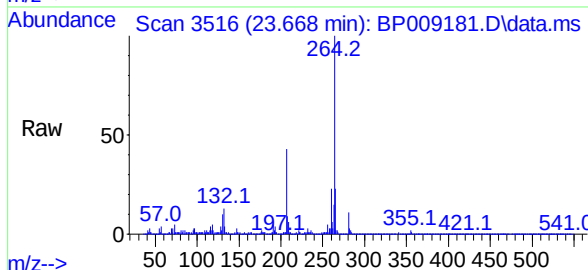
122 8.3 9.2 13.8#





Perylene-d12
 Concen: 20.000 ng
 RT: 23.668 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BP009181.D
 Acq: 16 Feb 2022 16:37

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:	264	Resp:	881617
Ion Ratio		Lower	Upper
264	100		
260	23.4	19.1	28.7
265	22.6	17.1	25.7

