

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
 Data File : BP003149.D
 Acq On : 28 Aug 2020 14:14
 Operator : CG/JU
 Sample : PB131271BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 28 14:45:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

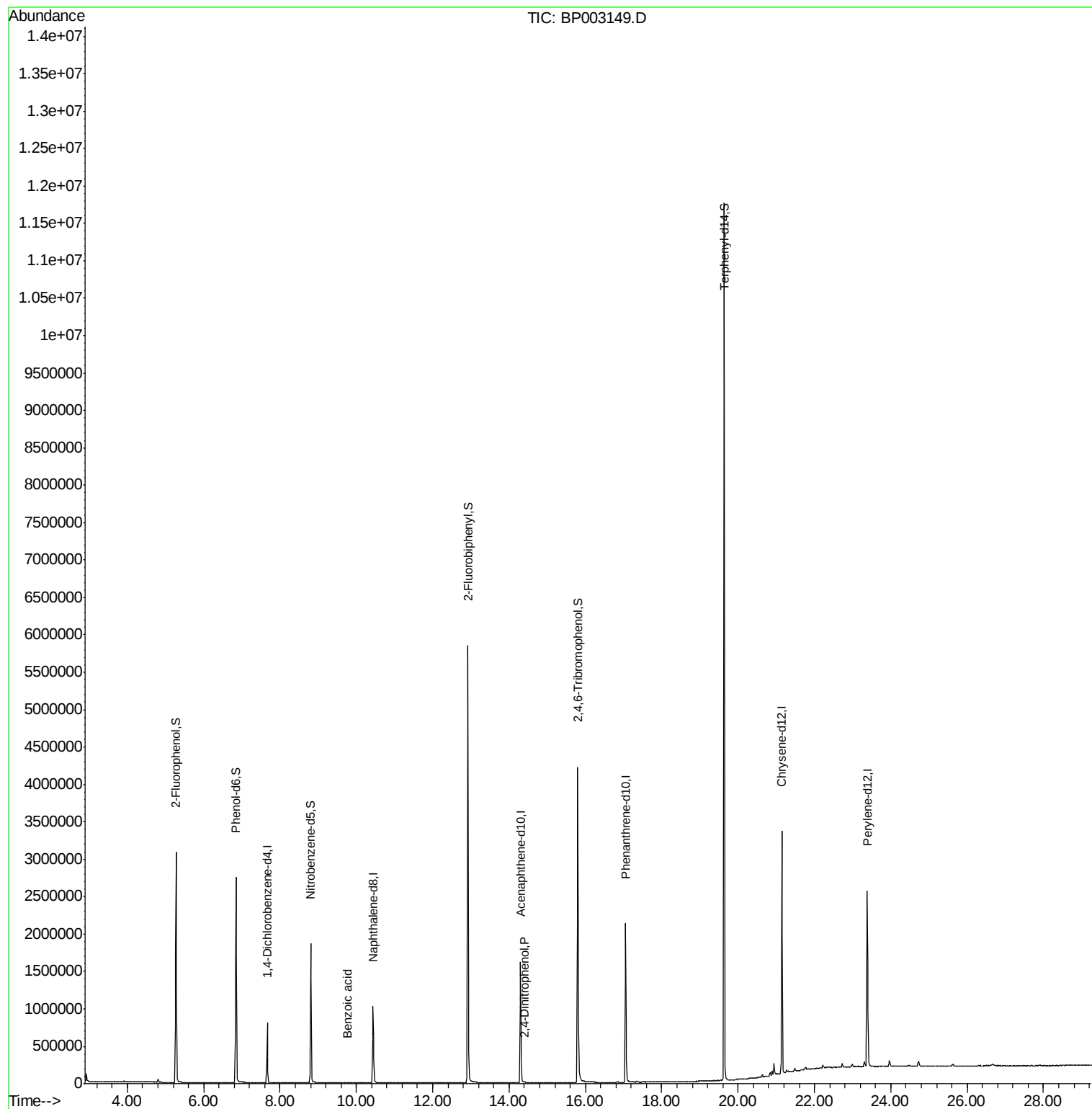
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	249641	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	995357	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	621390	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1421030	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1642721	20.00	ng	0.00
86) Perylene-d12	23.39	264	1802994	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1653634	117.11	ng	0.00
7) Phenol-d6	6.85	99	1920217	108.49	ng	0.00
23) Nitrobenzene-d5	8.81	82	1138456	82.45	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1054766	125.51	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3356693	79.11	ng	0.00
79) Terphenyl-d14	19.63	244	5400406	72.34	ng	0.00
Target Compounds						
32) Benzoic acid	9.77	122	13	8.998	ng	# 64
54) 2,4-Dinitrophenol	14.40	184	27	7.760	ng	# 50

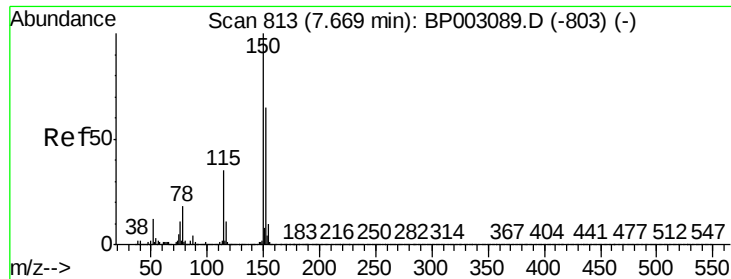
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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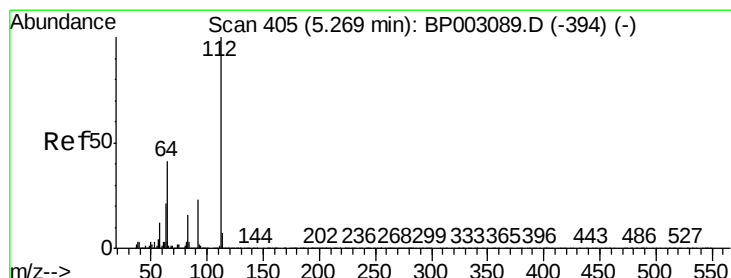
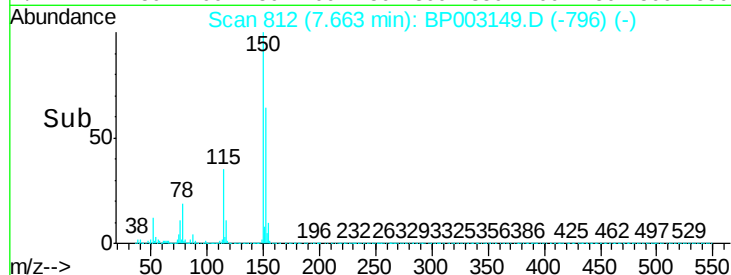
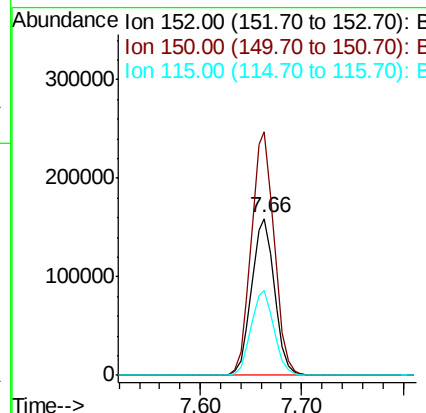
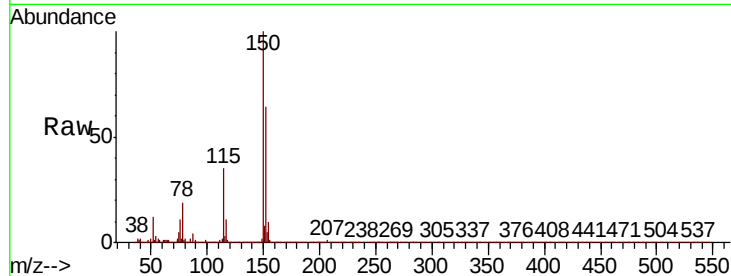


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003149.D
Acq: 28 Aug 2020 14:14

Instrument :
BNA_P
ClientSampleId :

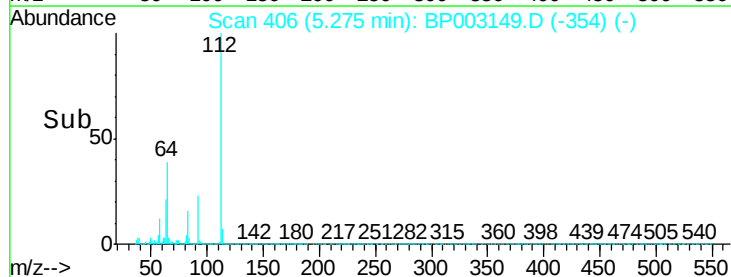
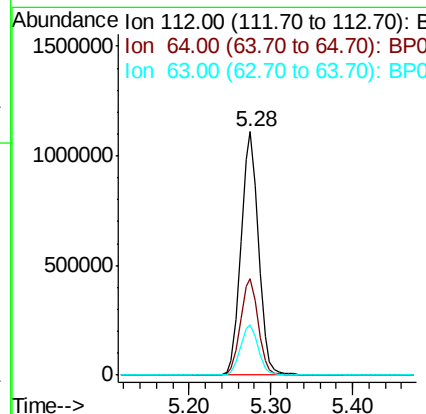
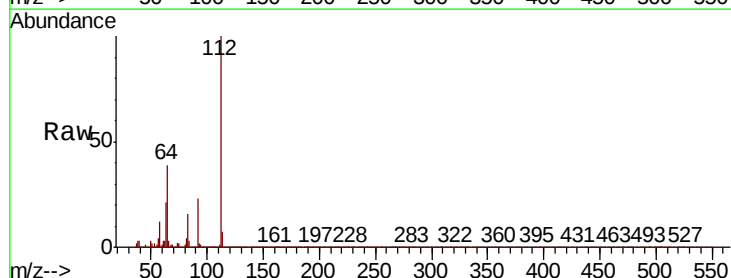
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.1	184.7
115	54.3	42.8	64.2

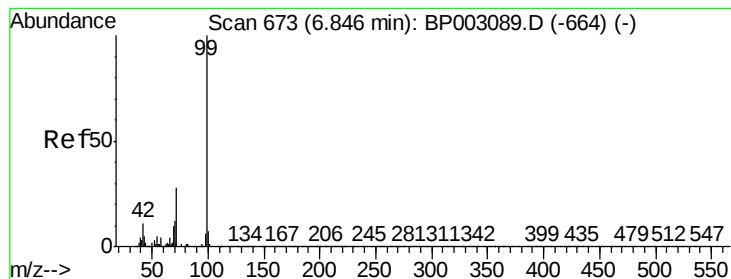


#5

2-Fluorophenol
Concen: 117.115 ng
RT: 5.28 min Scan# 406
Delta R.T. 0.01 min
Lab File: BP003149.D
Acq: 28 Aug 2020 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.4	33.0	49.6
63	20.5	16.9	25.3





#7

Phenol-d6

Concen: 108.486 ng

RT: 6.85 min Scan# 673

Delta R.T. -0.00 min

Lab File: BP003149.D

Acq: 28 Aug 2020 14:14

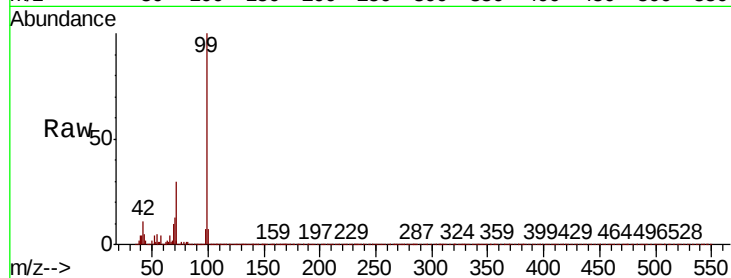
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1920217

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.5	12.7
71	29.9	22.8	34.2

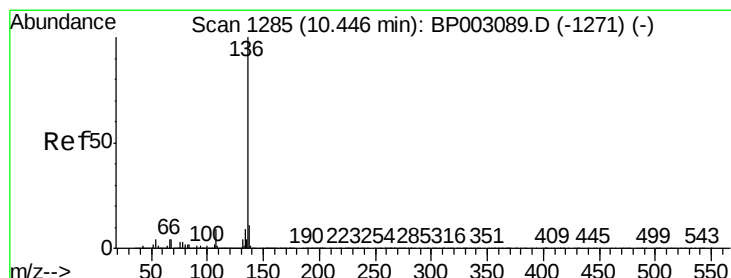
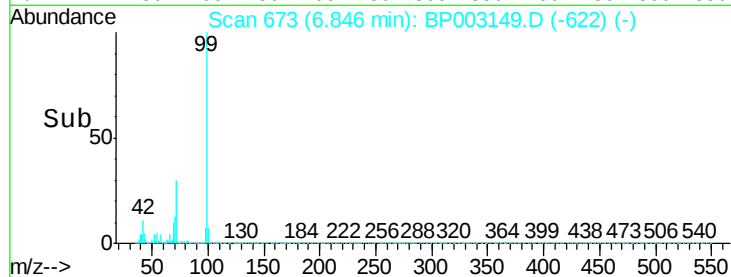


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1284

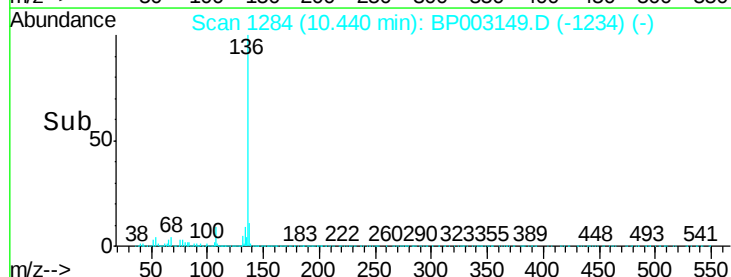
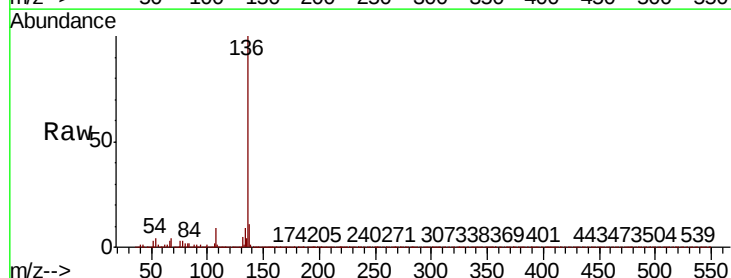
Delta R.T. -0.01 min

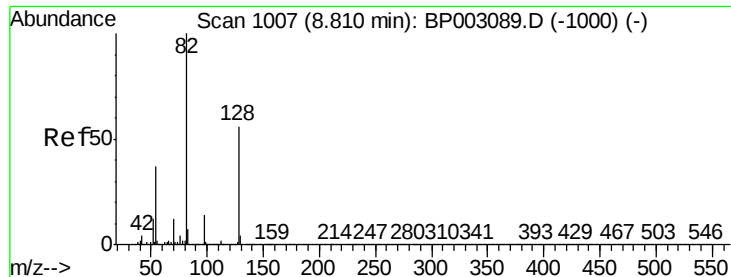
Lab File: BP003149.D

Acq: 28 Aug 2020 14:14

Tgt Ion: 136 Resp: 995357

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	4.3	3.5	5.3
68	4.2	3.2	4.8



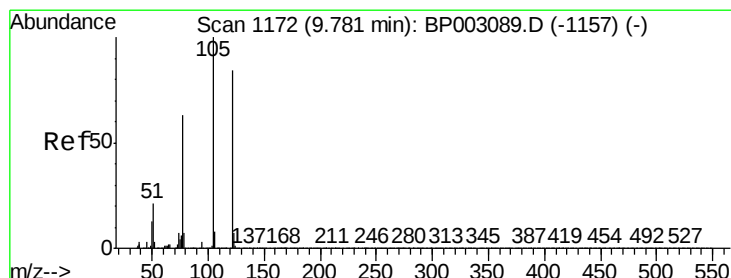
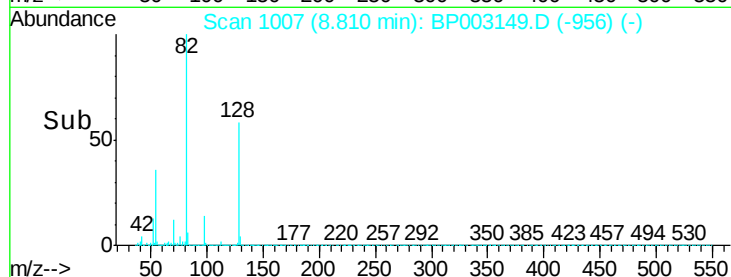
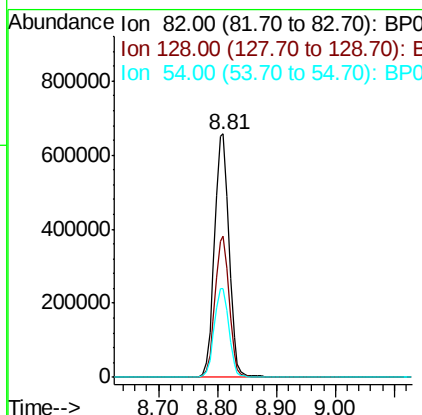
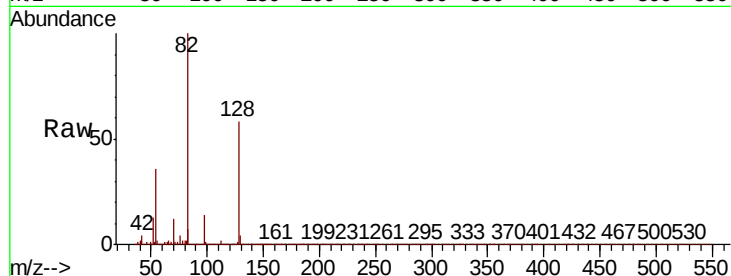


#23
 Nitrobenzene-d5
 Concen: 82.455 ng
 RT: 8.81 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BP003149.D
 Acq: 28 Aug 2020 14:14

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion: 82 Resp: 1138456

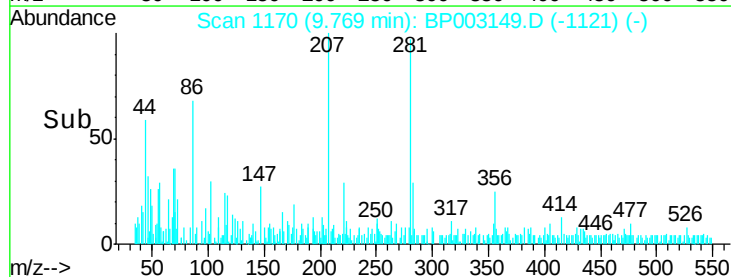
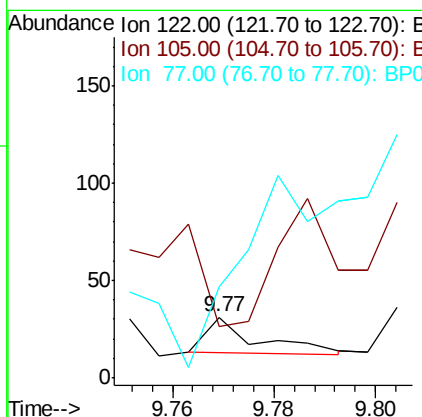
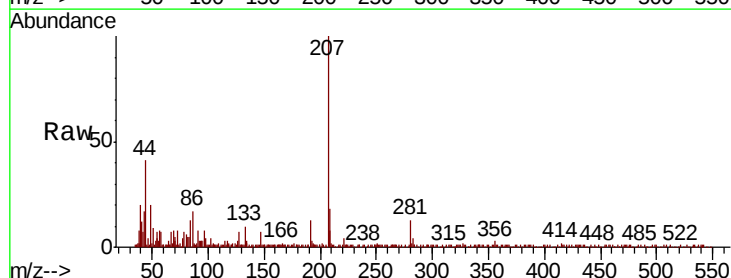
Ion	Ratio	Lower	Upper
82	100		
128	58.1	44.9	67.3
54	36.4	29.4	44.2

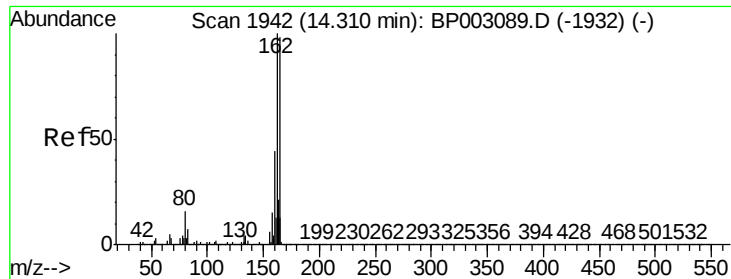


#32
 Benzoic acid
 Concen: 8.998 ng
 RT: 9.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BP003149.D
 Acq: 28 Aug 2020 14:14

Tgt Ion: 122 Resp: 13

Ion	Ratio	Lower	Upper
122	100		
105	116.1	98.1	138.1
77	151.6	55.3	95.3

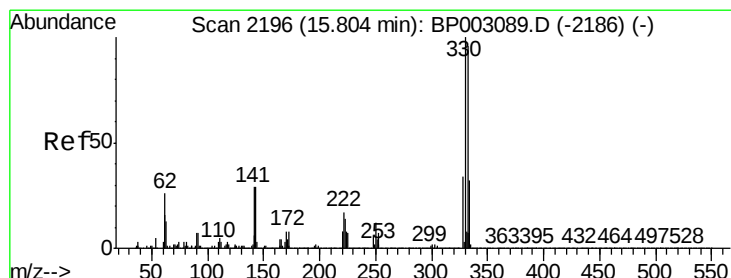
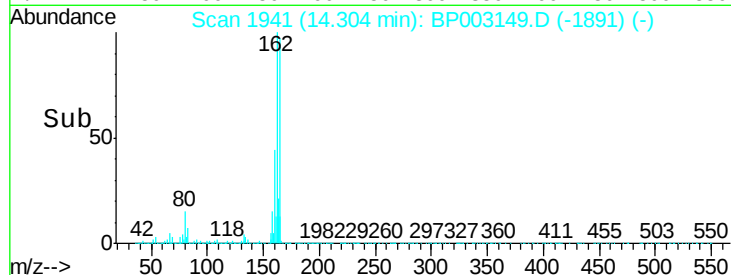
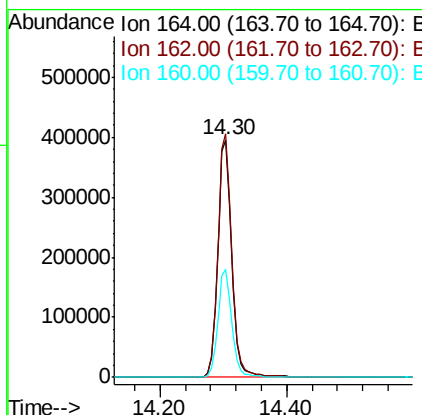
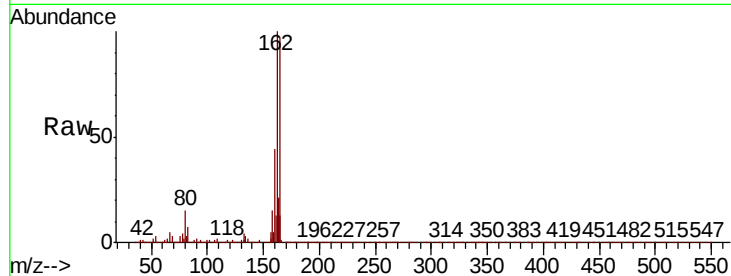




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BP003149.D
 Acq: 28 Aug 2020 14:14

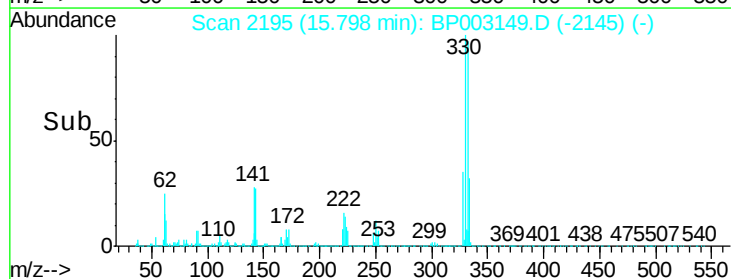
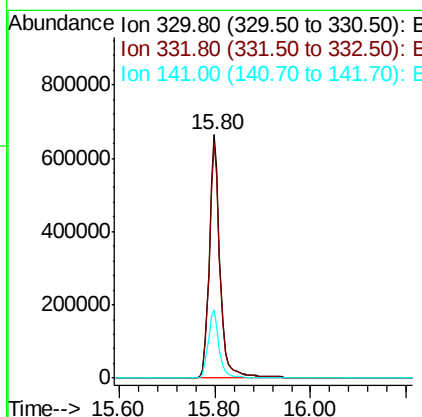
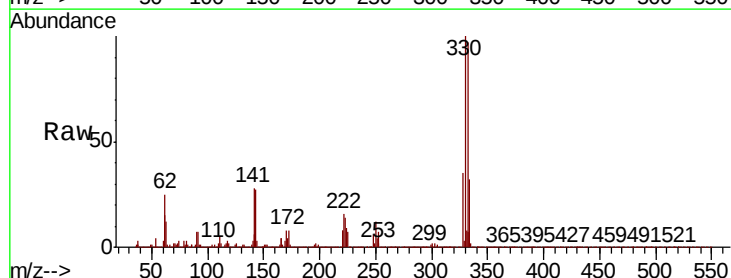
Instrument :
 BNA_P
 ClientSampled :

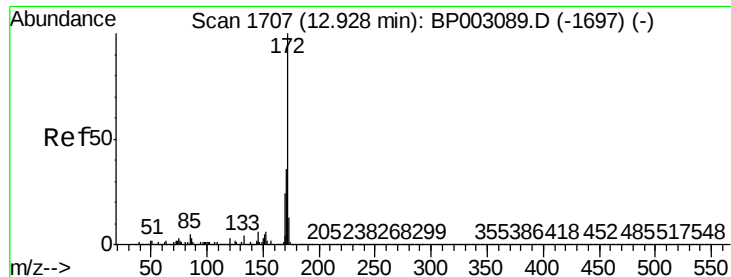
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.2	121.8
160	45.3	36.0	54.0



#42
 2,4,6-Tribromophenol
 Concen: 125.505 ng
 RT: 15.80 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BP003149.D
 Acq: 28 Aug 2020 14:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	28.9	24.4	36.6

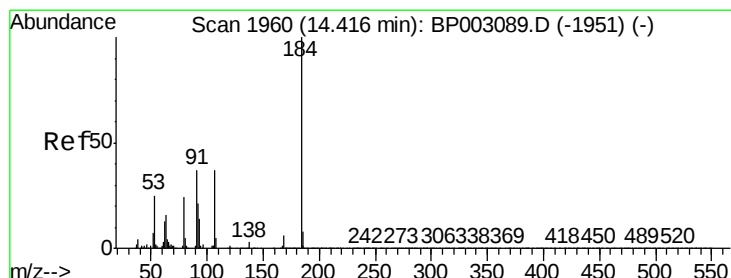
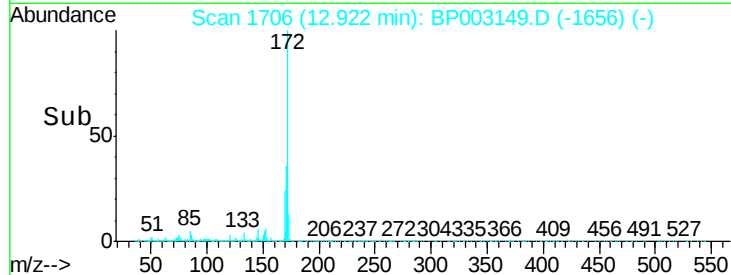
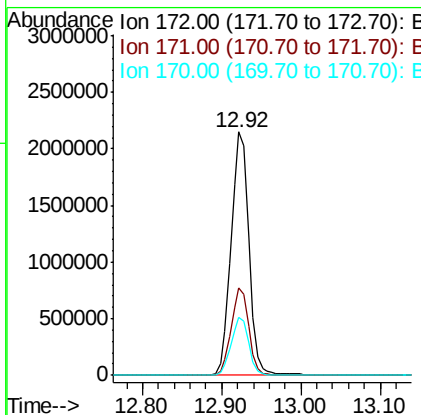
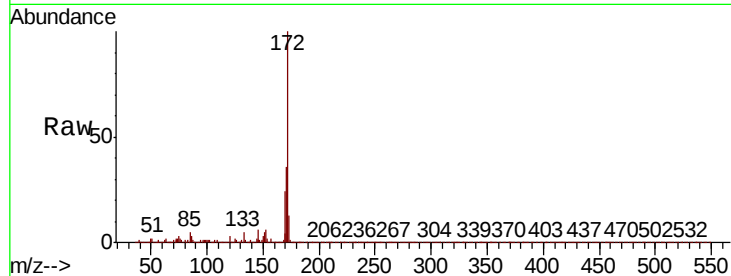




#45
2-Fluorobiphenyl
Concen: 79.108 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003149.D
Acq: 28 Aug 2020 14:14

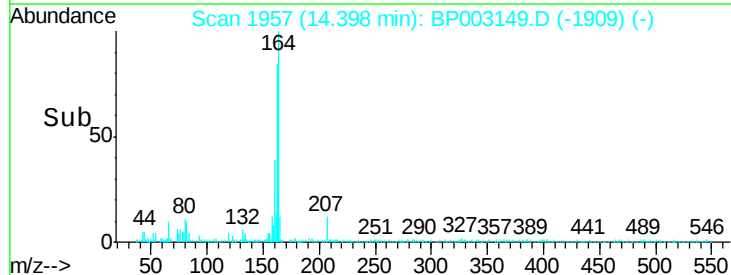
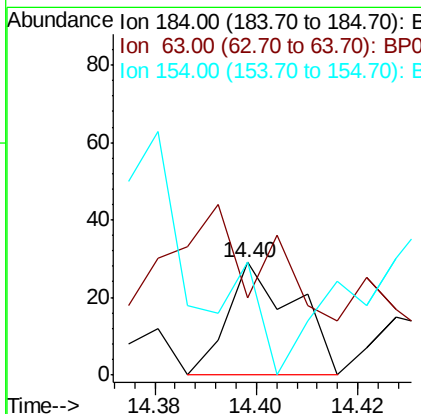
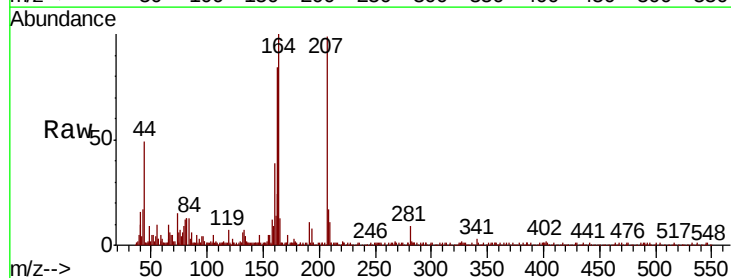
Instrument :
BNA_P
ClientSampled :

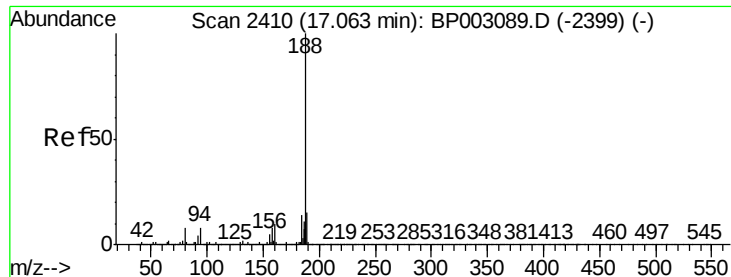
Tot Ion:172 Resp: 3356693
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 23.9 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 7.760 ng
RT: 14.40 min Scan# 1957
Delta R.T. -0.02 min
Lab File: BP003149.D
Acq: 28 Aug 2020 14:14

Tgt Ion:184 Resp: 27
Ion Ratio Lower Upper
184 100
63 69.0 32.0 48.0#
154 100.0 48.2 72.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BP003149.D

Acq: 28 Aug 2020 14:14

Instrument :

BNA_P

ClientSampleId :

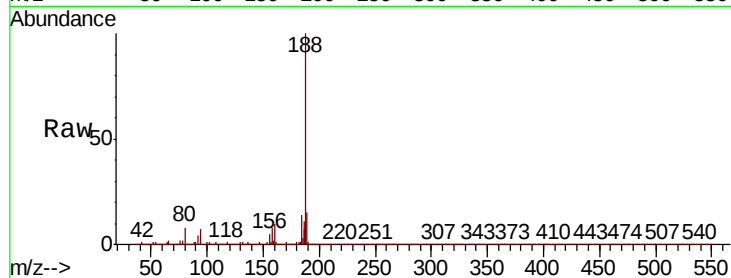
Tot Ion:188 Resp: 1421030

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.4
80	7.5	6.4	9.6

188 100

94 7.4 6.2 9.4

80 7.5 6.4 9.6



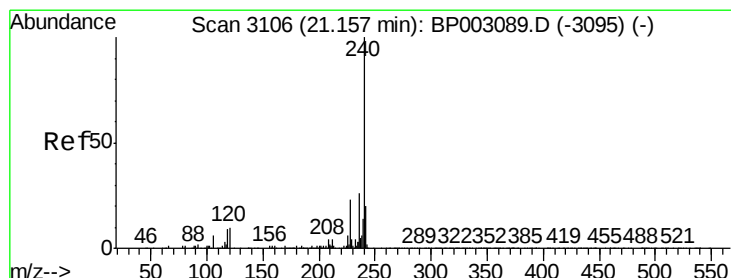
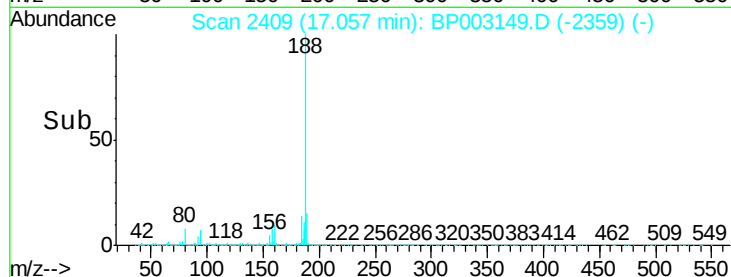
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO

17.06

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003149.D

Acq: 28 Aug 2020 14:14

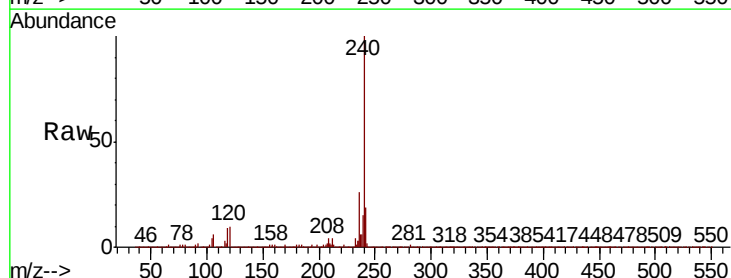
Tgt Ion:240 Resp: 1642721

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.4	12.6
236	26.0	20.6	31.0

240 100

120 9.8 8.4 12.6

236 26.0 20.6 31.0



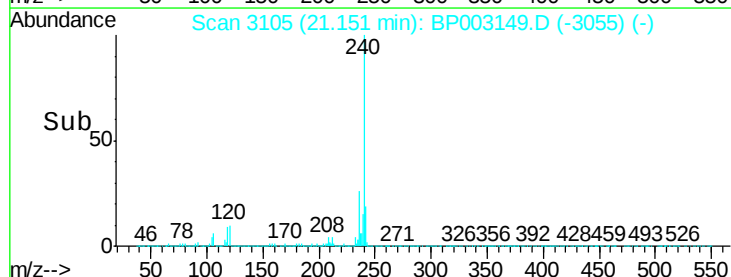
Abundance Ion 240.00 (239.70 to 240.70): E

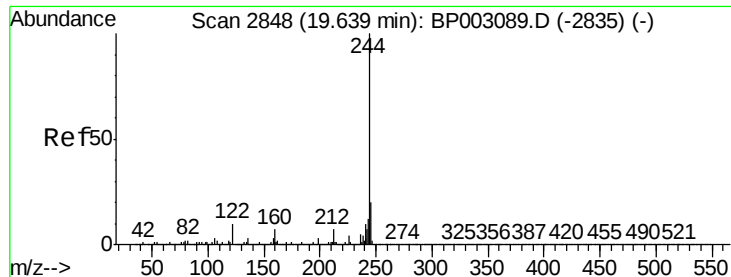
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.15

Time-->





#79

Terphenyl-d14

Concen: 72.338 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BP003149.D

Acq: 28 Aug 2020 14:14

Instrument :

BNA_P

ClientSampled :

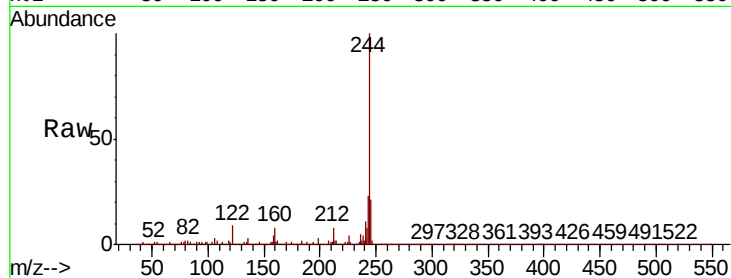
Tot Ion:244 Resp: 5400406

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

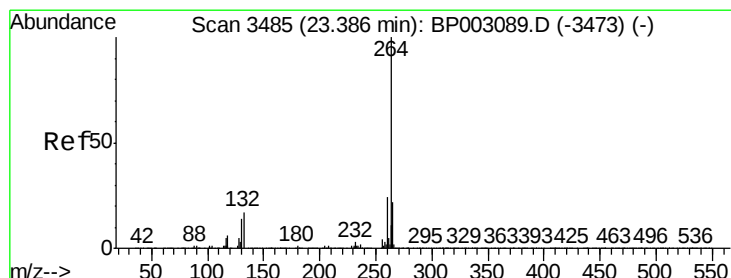
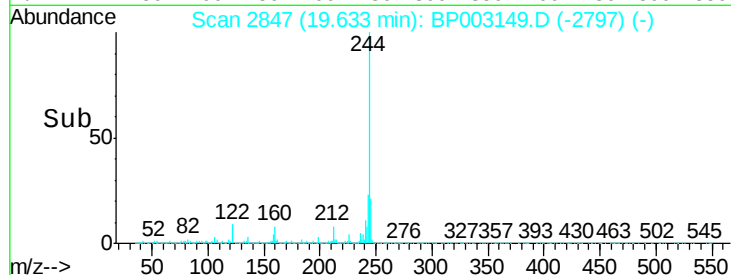
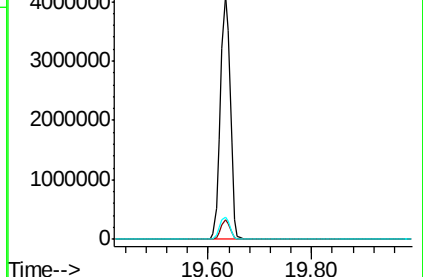
122 9.2 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.39 min Scan# 3485

Delta R.T. -0.00 min

Lab File: BP003149.D

Acq: 28 Aug 2020 14:14

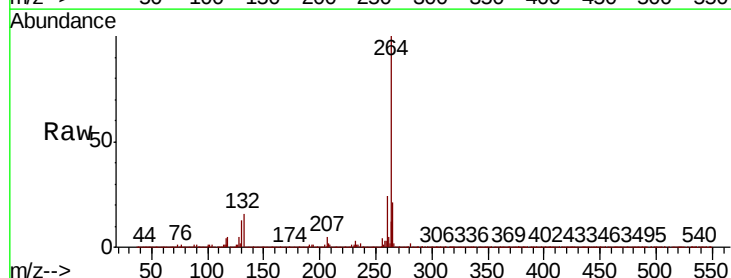
Tgt Ion:264 Resp: 1802994

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

