

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
 Data File : BP003479.D
 Acq On : 03 Oct 2020 05:08
 Operator : CG/JU
 Sample : L4198-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-24

Quant Time: Oct 03 06:23:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 02 11:17:24 2020
 Response via : Initial Calibration

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

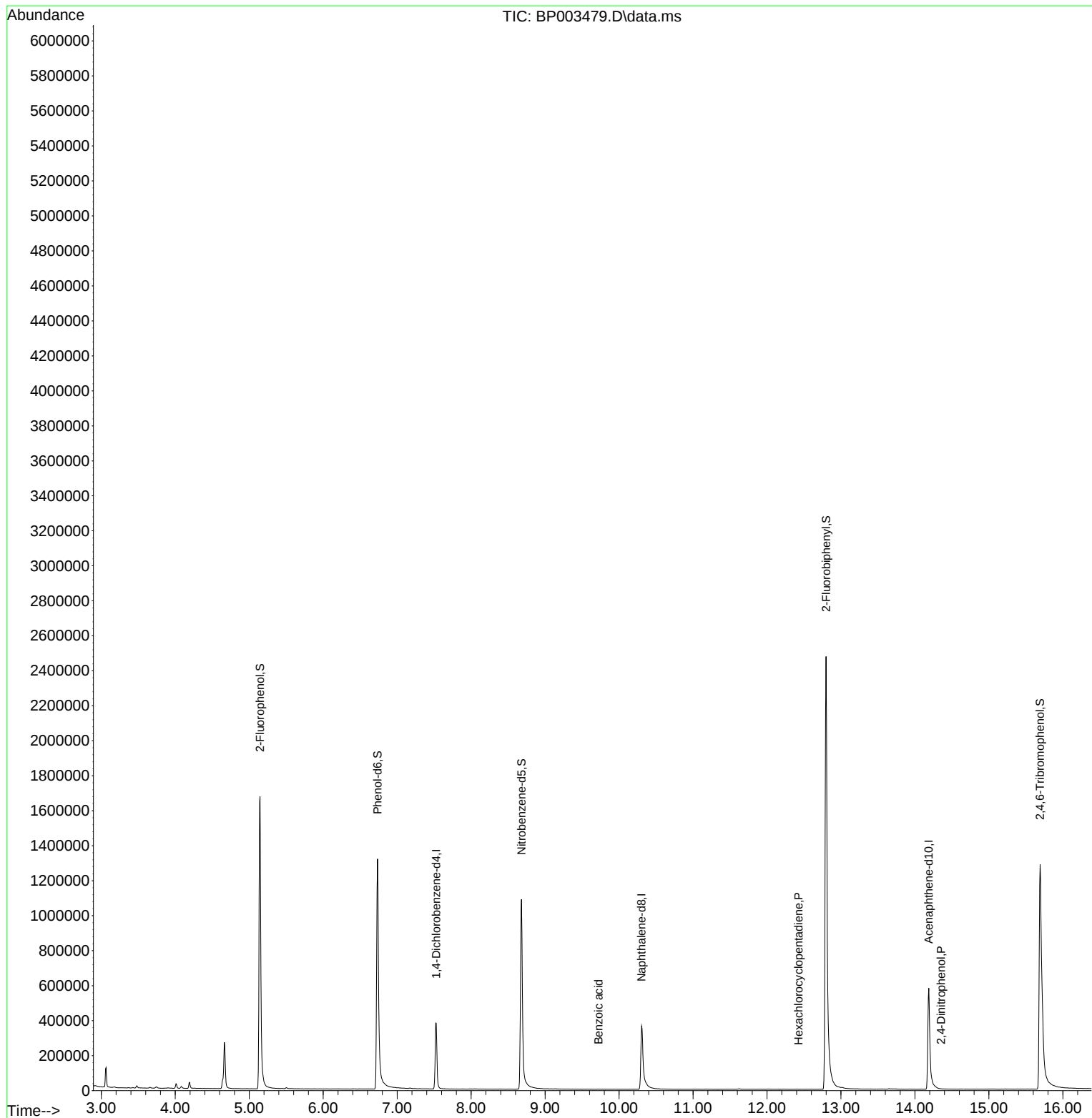
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	109662	20.00	ng	0.00
21) Naphthalene-d8	10.305	136	446022	20.00	ng	# 0.00
39) Acenaphthene-d10	14.187	164	272287	20.00	ng	0.00
64) Phenanthrene-d10	16.951	188	601129	20.00	ng	# 0.01
76) Chrysene-d12	21.051	240	627245	20.00	ng	0.00
86) Perylene-d12	23.239	264	554126	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.146	112	866112	137.91	ng	0.00
7) Phenol-d6	6.734	99	1030832	123.14	ng	0.00
23) Nitrobenzene-d5	8.681	82	815560	107.42	ng	0.00
42) 2,4,6-Tribromophenol	15.693	330	460271	110.83	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	1708588	91.77	ng	0.00
79) Terphenyl-d14	19.528	244	2556026	84.91	ng	0.00
Target Compounds						
32) Benzoic acid	9.722	122	18	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.428	237	18	6.85	ng	93
54) 2,4-Dinitrophenol	14.351	184	17	7.26	ng	# 1
70) Pentachlorophenol	16.640	266	32	6.78	ng	93

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

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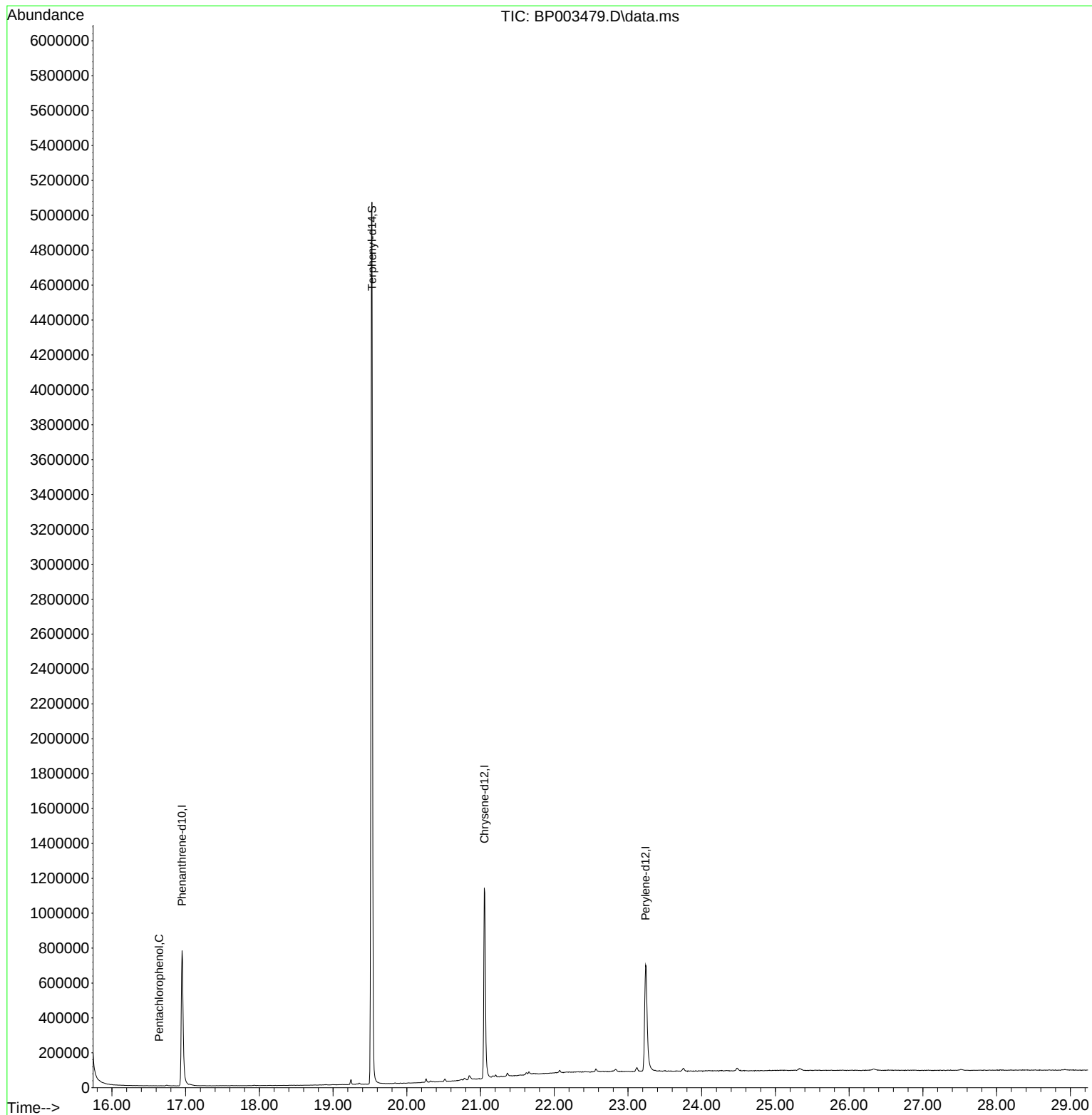
Quant Time: Oct 03 06:23:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 11:17:24 2020
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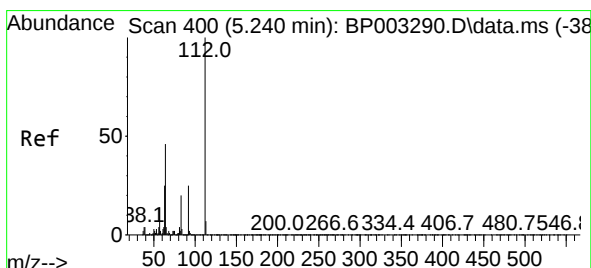
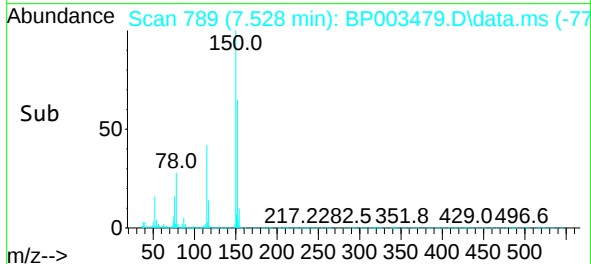
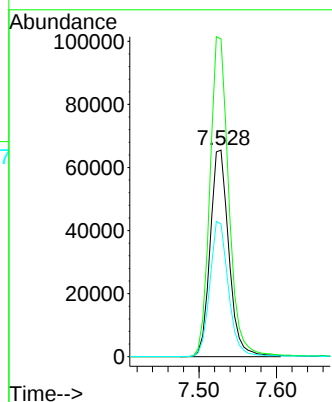
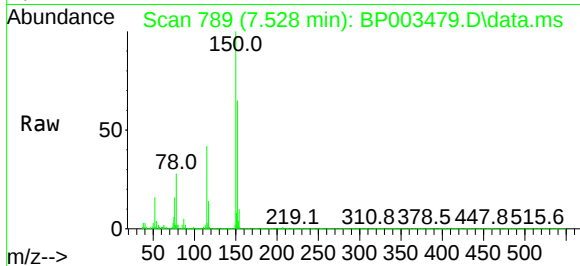




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.528 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP003479.D
Acq: 03 Oct 2020 05:08

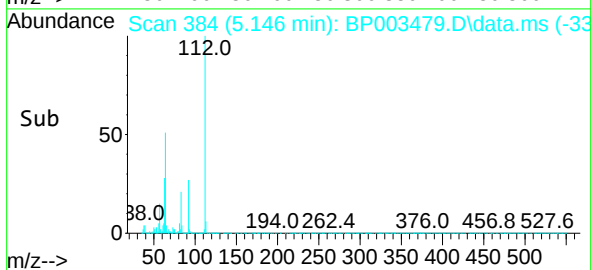
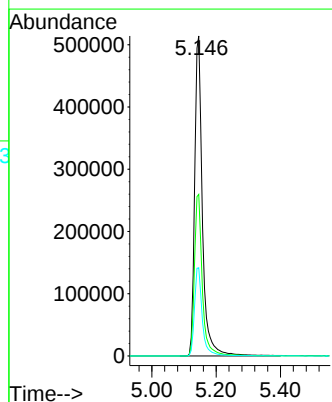
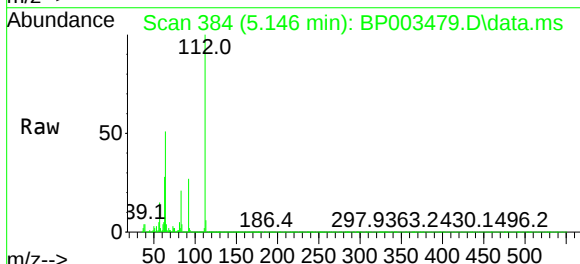
Instrument :
BNA_P
ClientSampleId :
RO-24

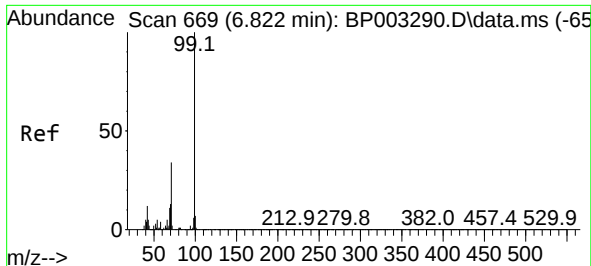
Tgt Ion:152 Resp: 109662
Ion Ratio Lower Upper
152 100
150 153.8 123.8 185.6
115 64.2 43.8 65.6



#5
2-Fluorophenol
Concen: 137.91 ng
RT: 5.146 min Scan# 384
Delta R.T. 0.006 min
Lab File: BP003479.D
Acq: 03 Oct 2020 05:08

Tgt Ion:112 Resp: 866112
Ion Ratio Lower Upper
112 100
64 50.5 32.8 49.2#
63 27.6 17.0 25.4#

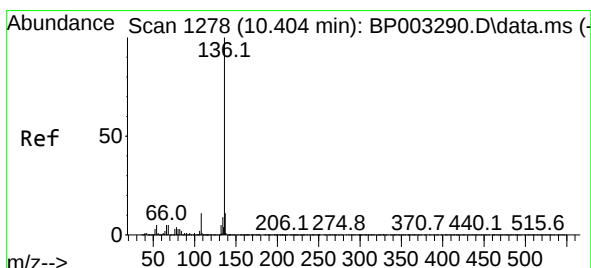
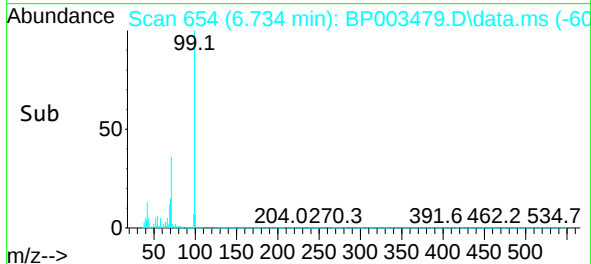
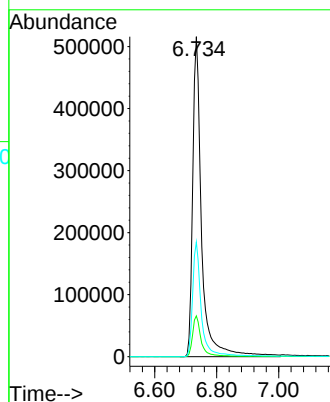
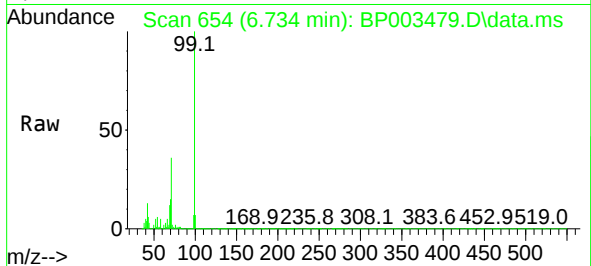




#7
Phenol-d6
Concen: 123.14 ng
RT: 6.734 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP003479.D
Acq: 03 Oct 2020 05:08

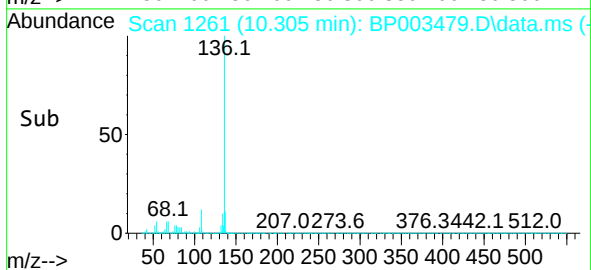
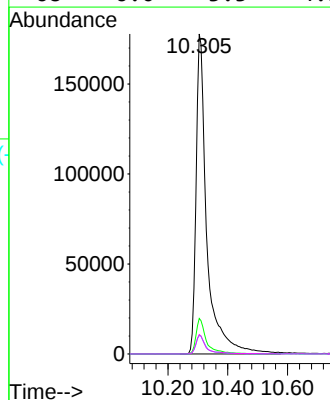
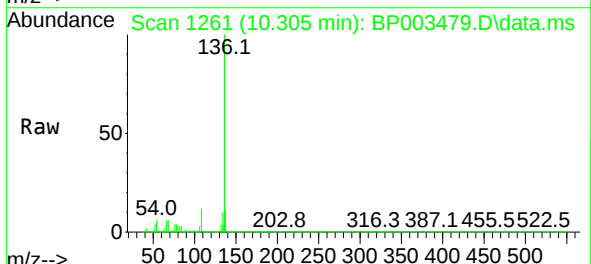
Instrument :
BNA_P
ClientSampleId :
RO-24

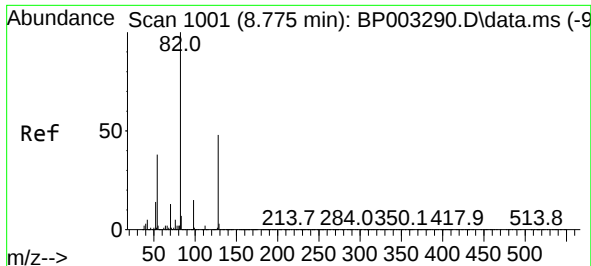
Tgt Ion: 99 Resp: 1030832
Ion Ratio Lower Upper
99 100
42 12.7 8.6 13.0
71 35.9 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.305 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP003479.D
Acq: 03 Oct 2020 05:08

Tgt Ion: 136 Resp: 446022
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 5.8 3.6 5.4#
68 6.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 107.42 ng

RT: 8.681 min Scan# 985

Delta R.T. 0.000 min

Lab File: BP003479.D

Acq: 03 Oct 2020 05:08

Instrument :

BNA_P

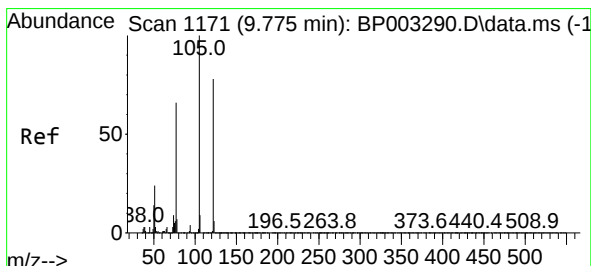
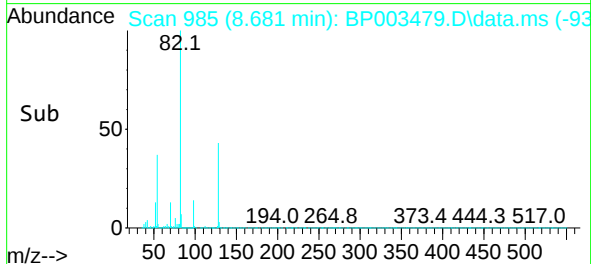
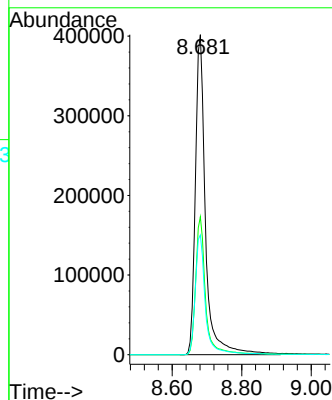
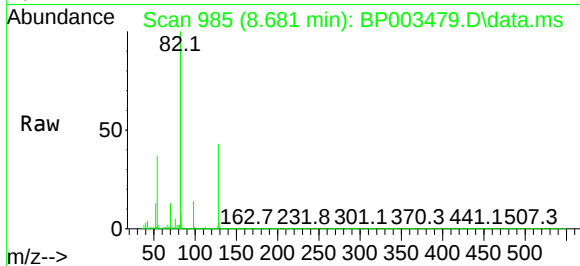
ClientSampleId :

RO-24

Tgt Ion: 82 Resp: 815560

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
82	100		
128	43.1	45.6	68.4#
54	37.4	30.1	45.1



#32

Benzoic acid

Concen: 9.16 ng

RT: 9.722 min Scan# 1162

Delta R.T. 0.000 min

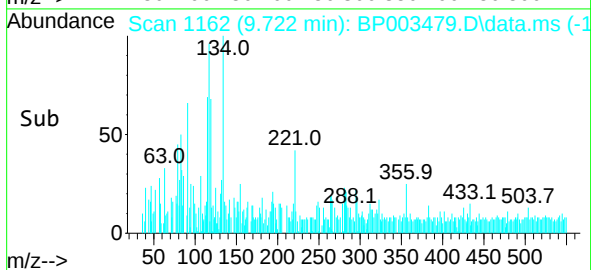
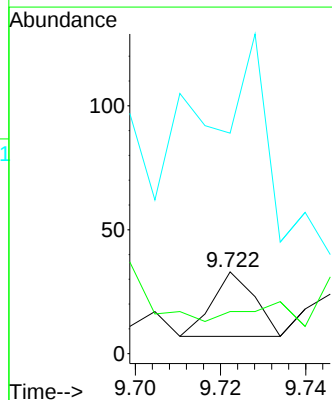
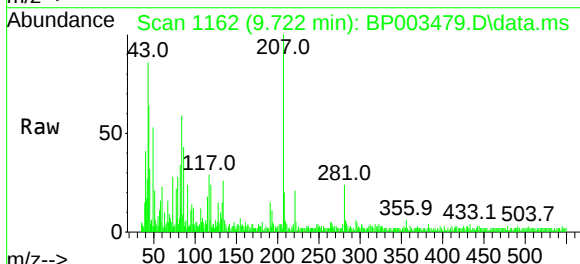
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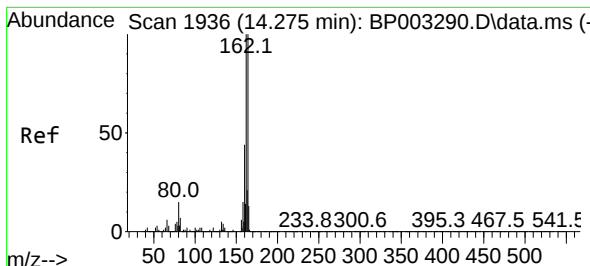
Acq: 03 Oct 2020 05:08

Tgt Ion: 122 Resp: 18

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
122	100		
105	51.5	94.1	134.1#
77	269.7	50.1	90.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.187 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BP003479.D

Acq: 03 Oct 2020 05:08

Instrument :

BNA_P

ClientSampleId :

RO-24

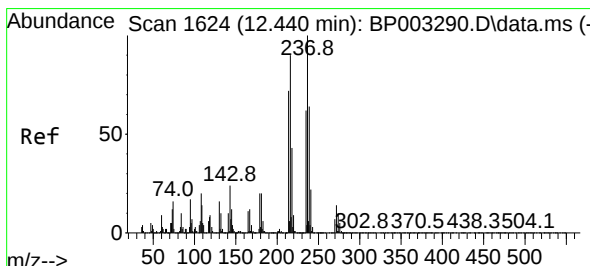
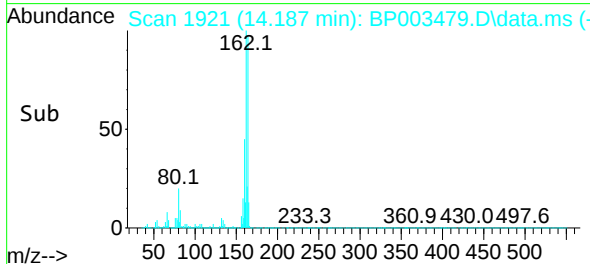
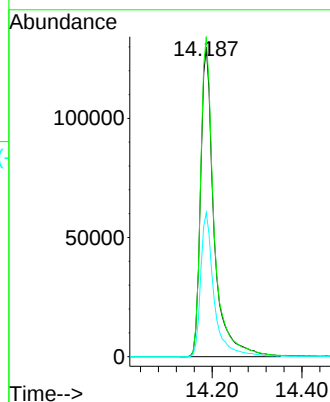
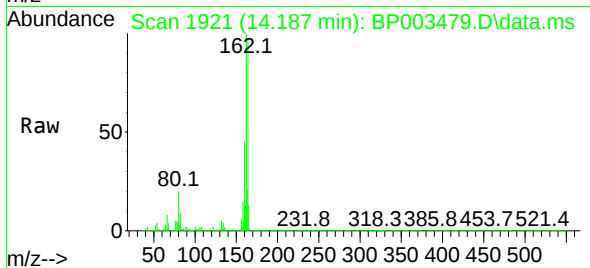
Tgt Ion:164 Resp: 272287

Ion Ratio Lower Upper

164 100

162 103.4 79.4 119.2

160 46.5 36.1 54.1



#41

Hexachlorocyclopentadiene

Concen: 6.85 ng

RT: 12.428 min Scan# 1622

Delta R.T. 0.088 min

Lab File: BP003479.D

Acq: 03 Oct 2020 05:08

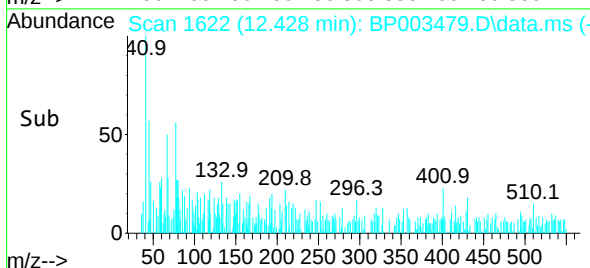
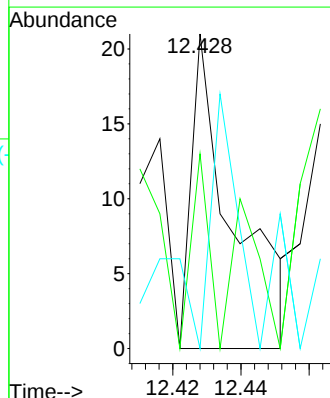
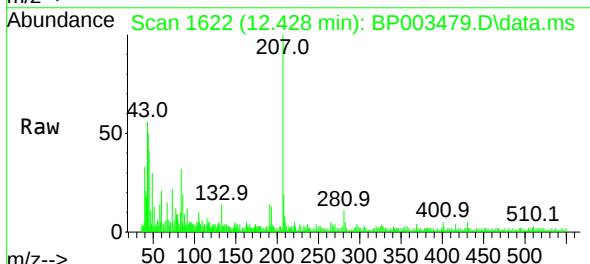
Tgt Ion:237 Resp: 18

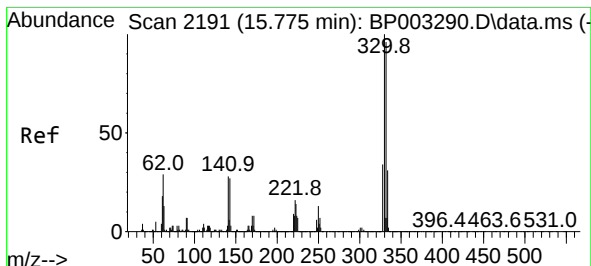
Ion Ratio Lower Upper

237 100

235 61.9 43.2 83.2

272 0.0 0.0 33.3

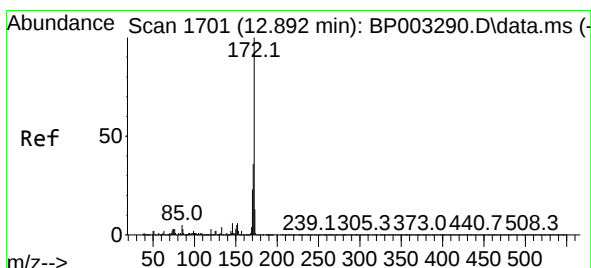
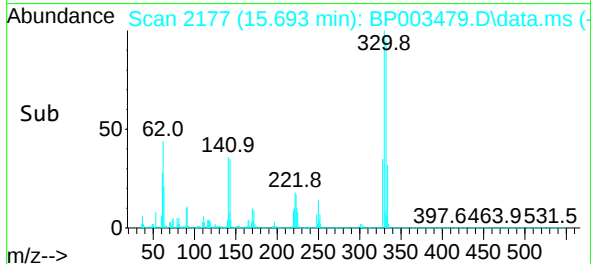
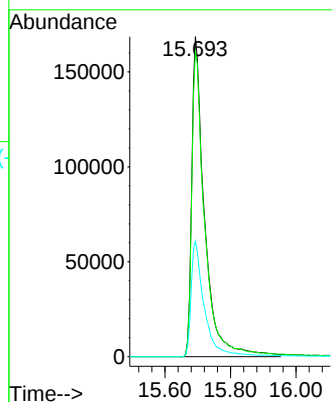
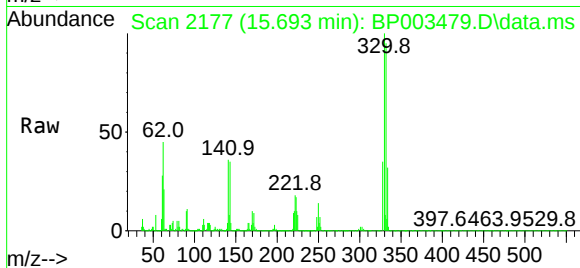




#42
2,4,6-Tribromophenol
Concen: 110.83 ng
RT: 15.693 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP003479.D
Acq: 03 Oct 2020 05:08

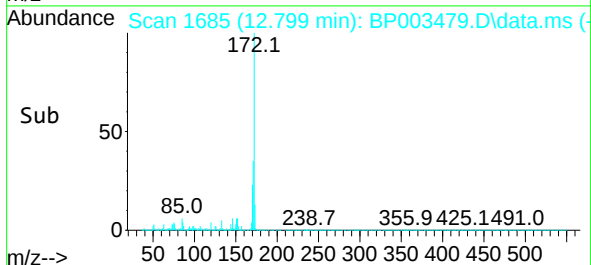
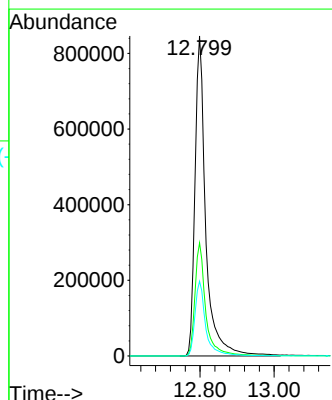
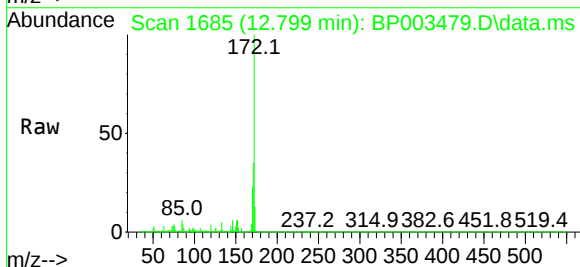
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RO-24

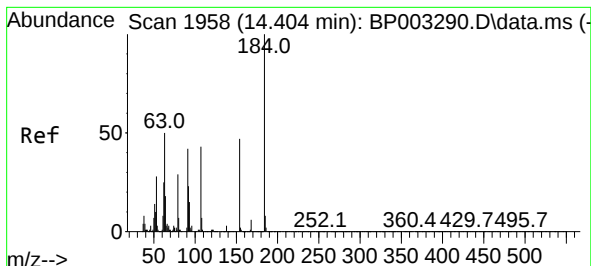
Tgt Ion:330 Resp: 460271
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 36.8 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 91.77 ng
RT: 12.799 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BP003479.D
Acq: 03 Oct 2020 05:08

Tgt Ion:172 Resp: 1708588
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.4 19.2 28.8

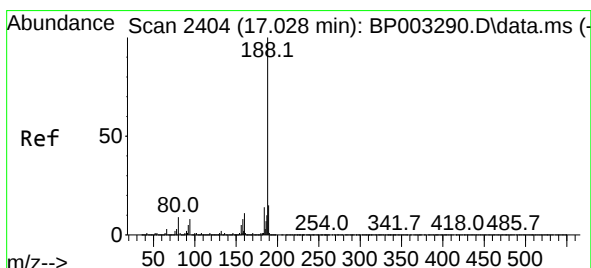
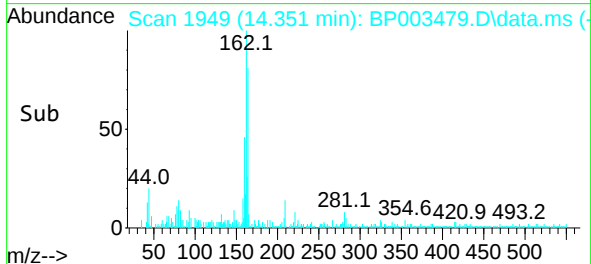
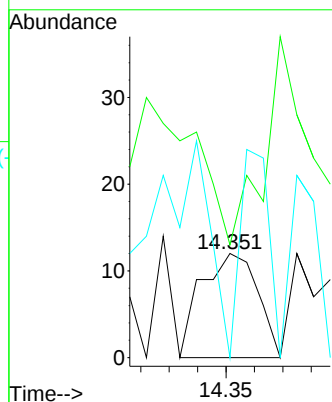
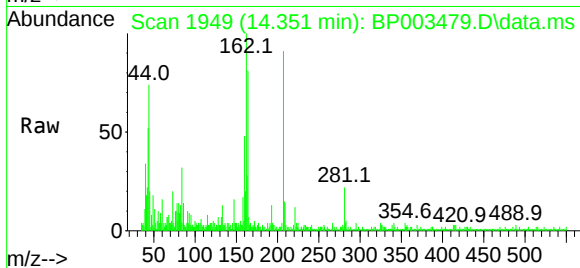




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.351 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP003479.D
Acq: 03 Oct 2020 05:08

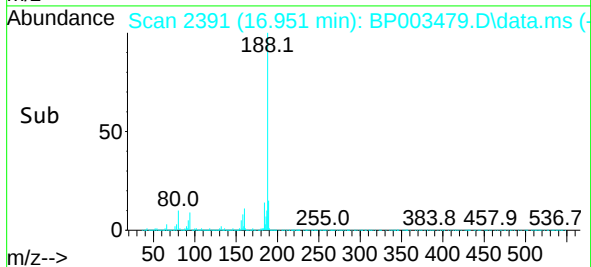
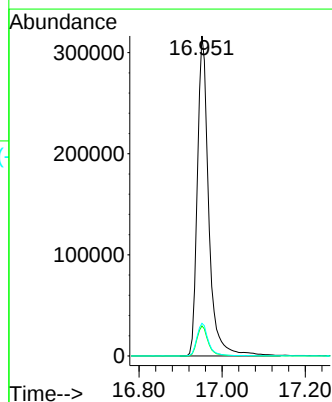
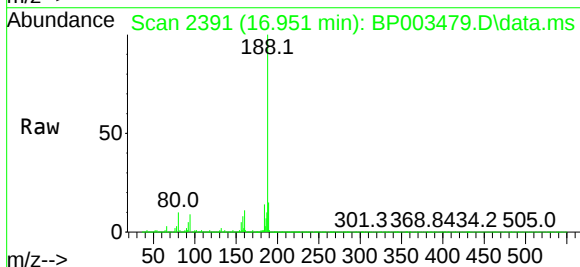
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RO-24

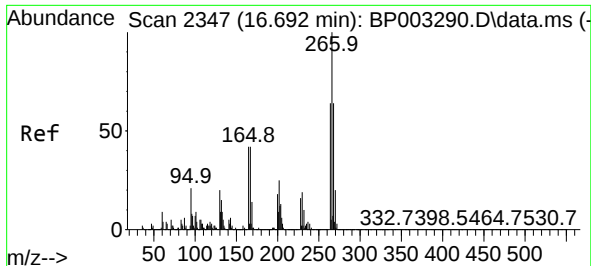
Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 325.0 32.3 48.5#
154 0.0 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.951 min Scan# 2391
Delta R.T. 0.012 min
Lab File: BP003479.D
Acq: 03 Oct 2020 05:08

Tgt Ion:188 Resp: 601129
Ion Ratio Lower Upper
188 100
94 9.4 6.2 9.2#
80 10.2 6.2 9.2#

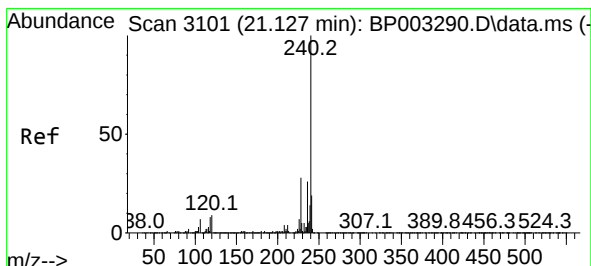
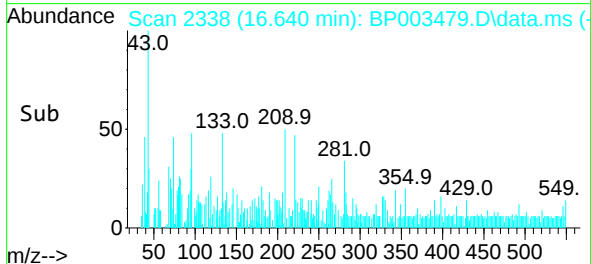
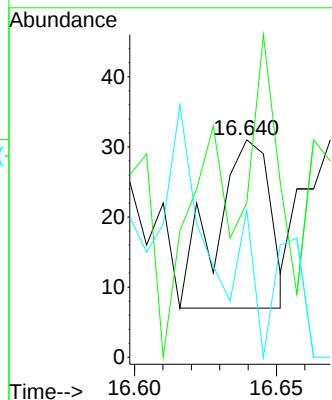
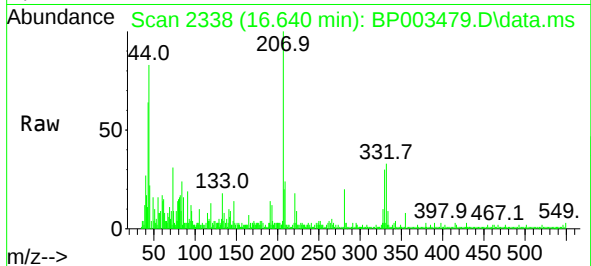




#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.640 min Scan# 2338
Delta R.T. 0.018 min
Lab File: BP003479.D
Acq: 03 Oct 2020 05:08

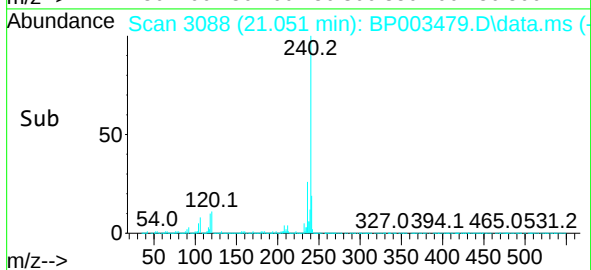
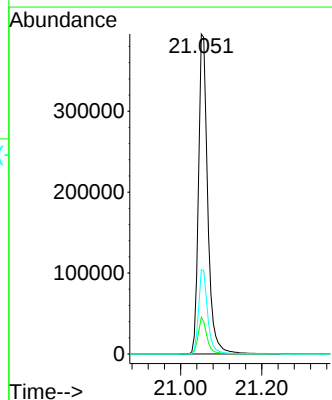
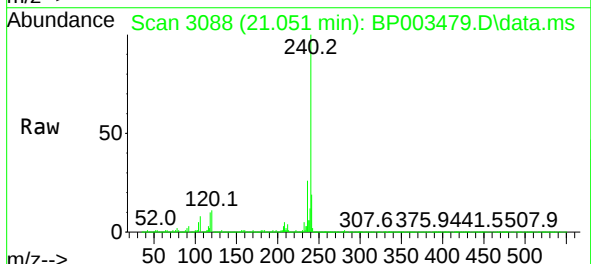
Instrument :
BNA_P
ClientSampleId :
RO-24

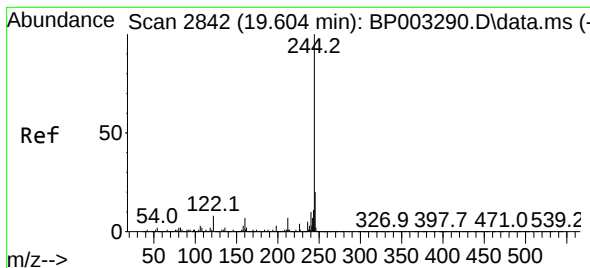
Tgt Ion:266 Resp: 32
Ion Ratio Lower Upper
266 100
268 71.0 51.1 76.7
264 67.7 50.6 76.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.051 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BP003479.D
Acq: 03 Oct 2020 05:08

Tgt Ion:240 Resp: 627245
Ion Ratio Lower Upper
240 100
120 11.5 7.8 11.6
236 26.3 20.8 31.2





#79

Terphenyl-d14

Concen: 84.91 ng

RT: 19.528 min Scan# 2829

Delta R.T. 0.000 min

Lab File: BP003479.D

Acq: 03 Oct 2020 05:08

Instrument :

BNA_P

ClientSampleId :

RO-24

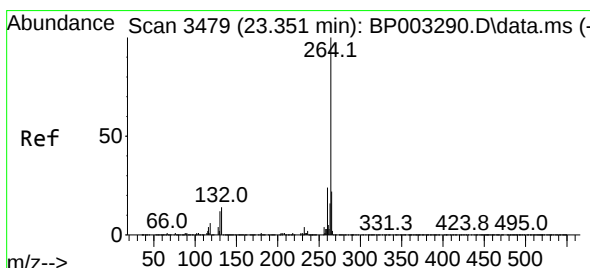
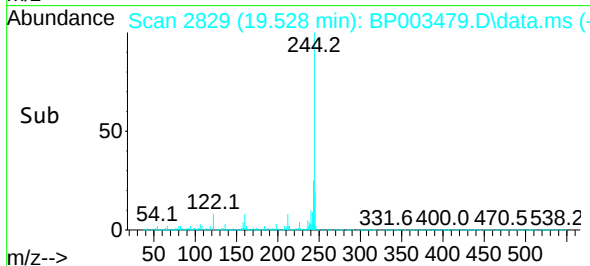
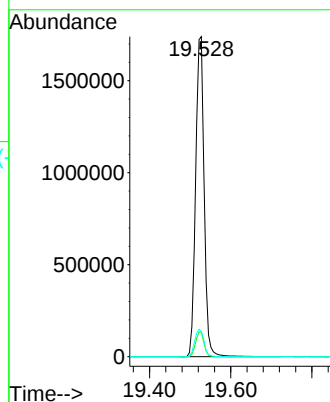
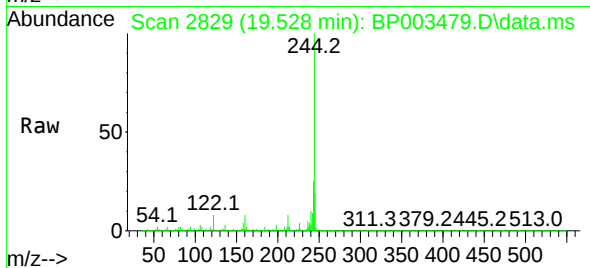
Tgt Ion:244 Resp: 2556026

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 7.9 7.8 11.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.239 min Scan# 3460

Delta R.T. 0.006 min

Lab File: BP003479.D

Acq: 03 Oct 2020 05:08

Tgt Ion:264 Resp: 554126

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.5 17.4 26.2

