Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
Data File : BN016517.D
Acq On : 26 Sep 2021 18:50
Operator : CG/JU
Sample : M3833-18
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE126D3-20210920

Quant Time: Sep 27 05:32:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	11801	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	42460	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	8567	0.400	ng	# 0.00
19) Phenanthrene-d10	17.042	188	24009	0.400	ng	0.00
29) Chrysene-d12	21.249	240	23217	0.400	ng	# 0.00
35) Perylene-d12	23.512	264	22548	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	783	0.030	ng	0.00
5) Phenol-d6	6.849	99	933	0.030	ng	0.00
8) Nitrobenzene-d5	8.810	82	9369	0.312	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	8183	0.130	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	904	0.408	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	11451	0.318	ng	-0.01
27) Fluoranthene-d10	19.083	212	44392	0.674	ng	0.00
31) Terphenyl-d14	19.698	244	20515	0.380	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	129	0.026	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.423	198	1	0.148	ng	# 1
23) Atrazine	16.519	200	14	0.136	ng	# 8
24) Pentachlorophenol	16.701	266	7	0.245	ng	# 20
34) Bis(2-ethylhexyl)phtha...	21.185	149	2774	0.151	ng	93

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

Quantitation Report (Not Reviewed)

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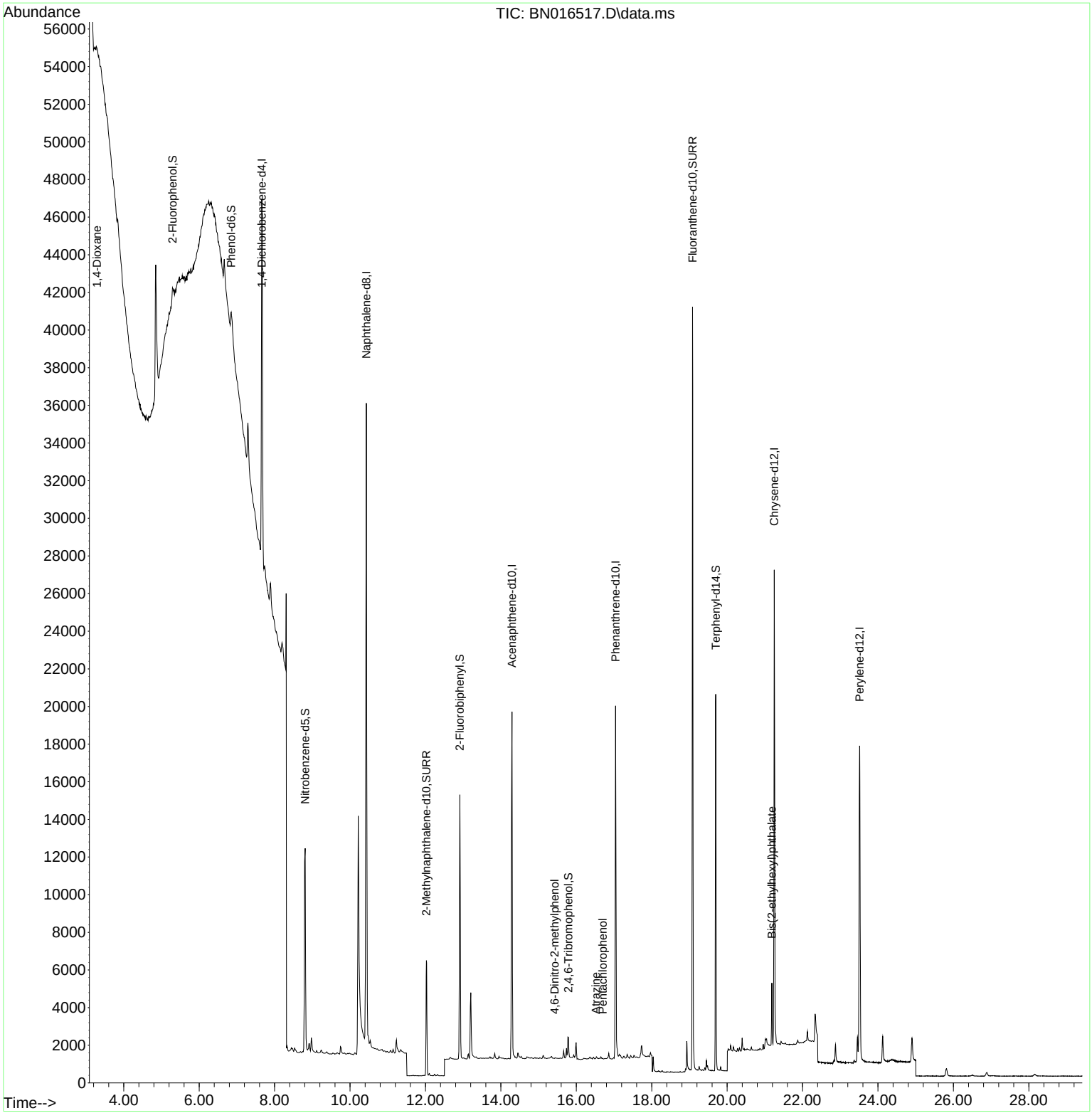
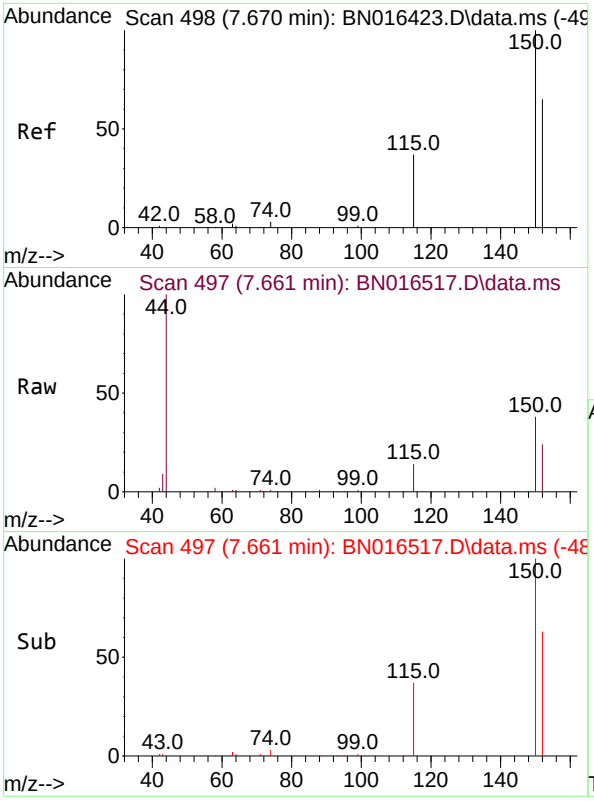
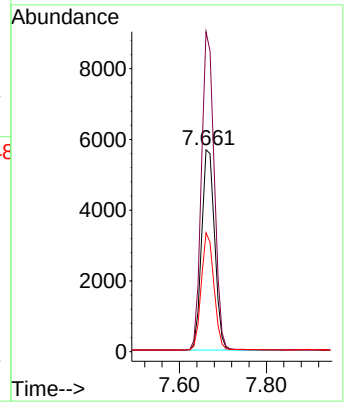




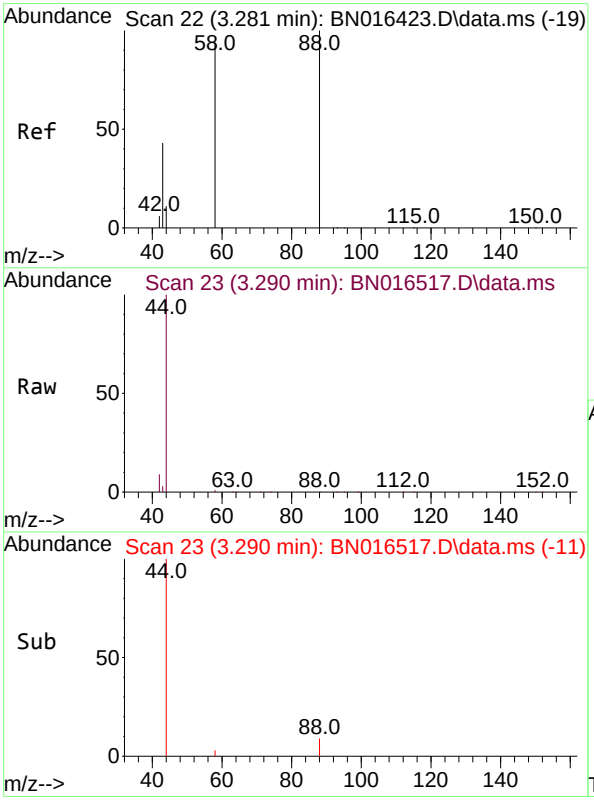
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.661 min Scan# 497
Delta R.T. -0.009 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:152 Resp: 11801

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.6	188.4
115	58.9	50.2	75.2



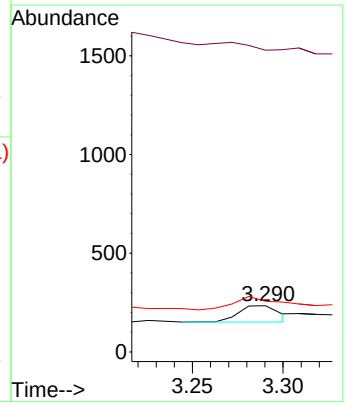
Instrument :
BNA_N
ClientSampleId :
RE126D3-20210920



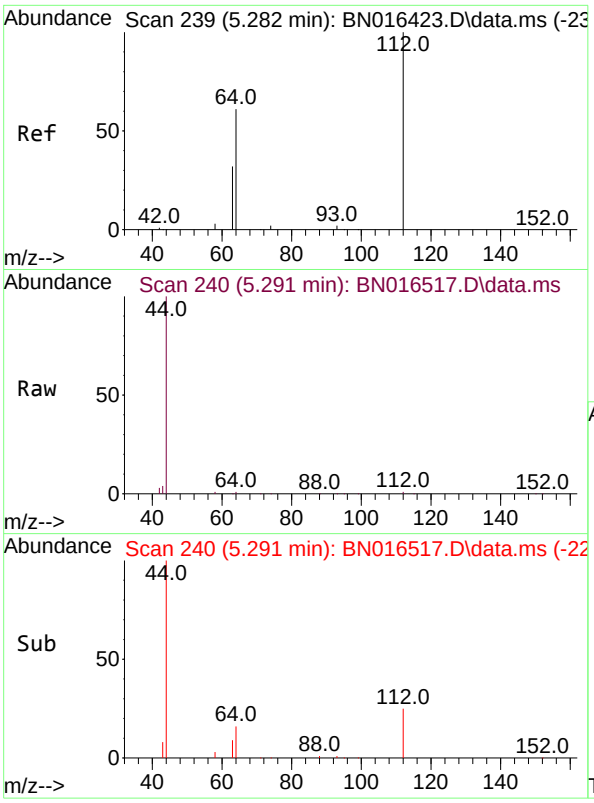
#2
1,4-Dioxane
Concen: 0.026 ng
RT: 3.290 min Scan# 23
Delta R.T. 0.010 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion: 88 Resp: 129

Ion	Ratio	Lower	Upper
88	100		
43	0.0	20.3	30.5#
58	94.6	69.9	104.9



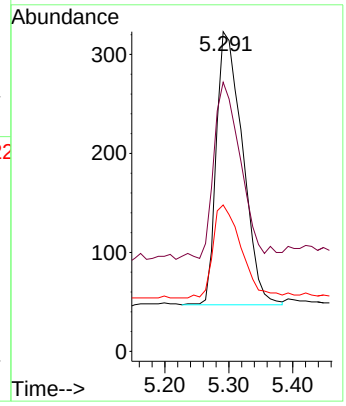
Instrument :
BNA_N
ClientSampleId :
RE126D3-20210920

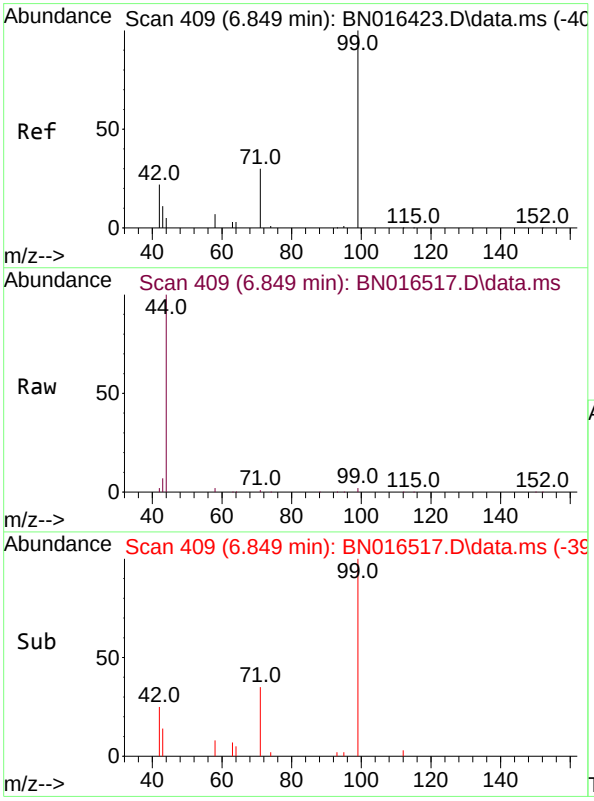


#4
2-Fluorophenol
Concen: 0.030 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.010 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:112 Resp: 783

Ion	Ratio	Lower	Upper
112	100		
64	67.8	47.3	70.9
63	36.9	23.4	35.0#

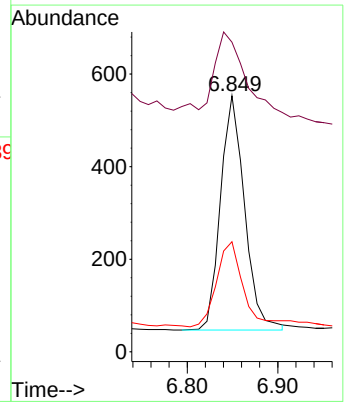


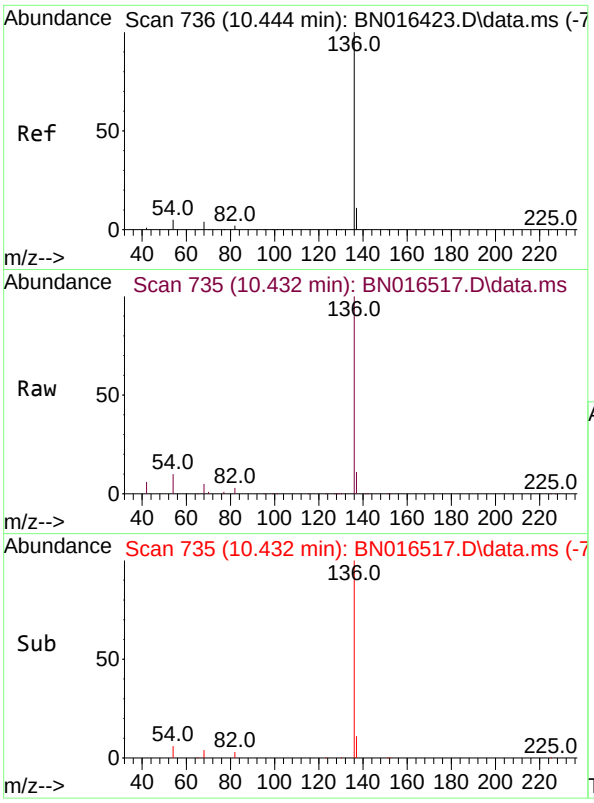


#5
Phenol-d6
Concen: 0.030 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion: 99 Resp: 933

Ion	Ratio	Lower	Upper
99	100		
42	42.6	14.0	21.0#
71	39.4	23.8	35.6#

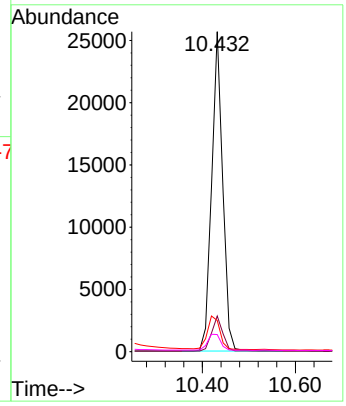




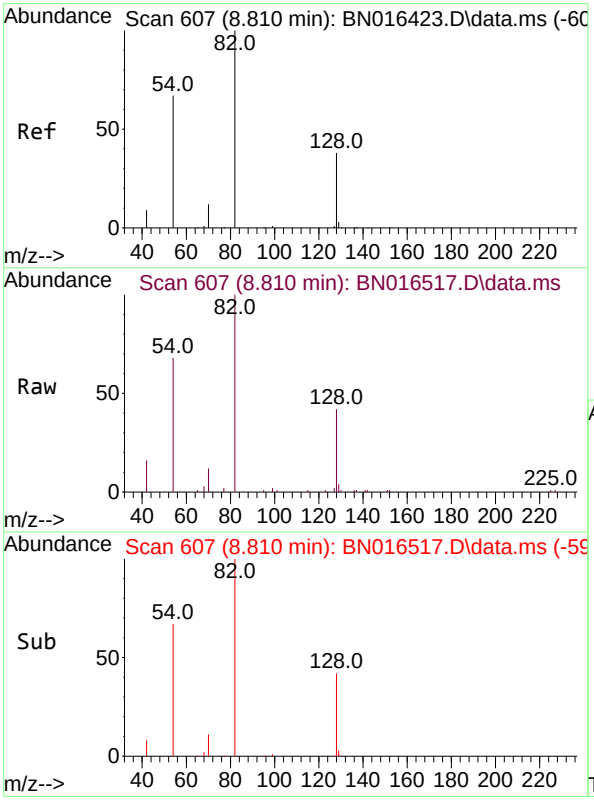
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:136 Resp: 42460

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.8	5.3	7.9#
68	5.4	3.9	5.9



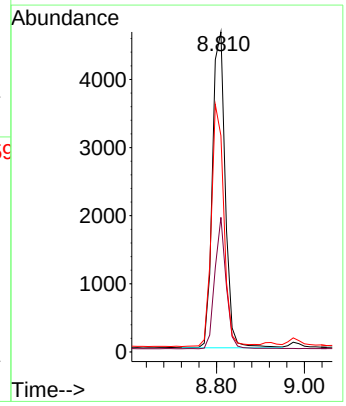
Instrument :
BNA_N
ClientSampleId :
RE126D3-20210920



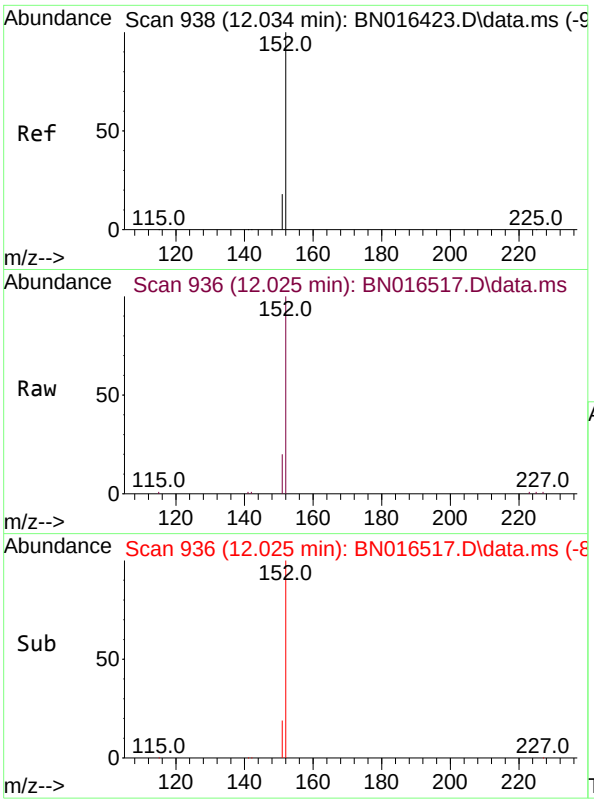
#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion: 82 Resp: 9369

Ion	Ratio	Lower	Upper
82	100		
128	42.0	31.7	47.5
54	67.6	46.4	69.6



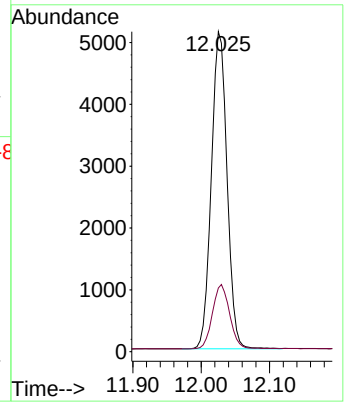
Instrument :
BNA_N
ClientSampleId :
RE126D3-20210920

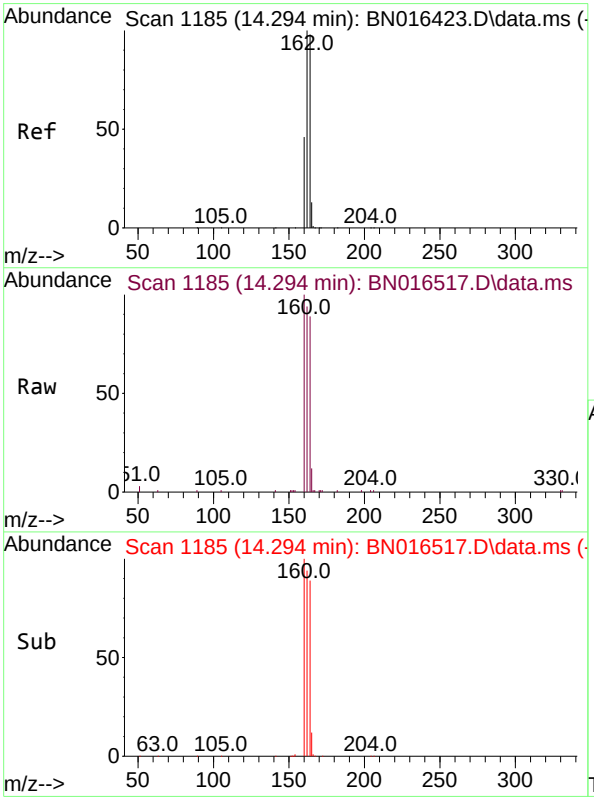


#11
2-Methylnaphthalene-d10
Concen: 0.130 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:152 Resp: 8183

Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.1	24.1

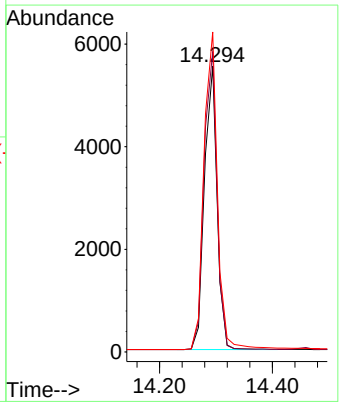




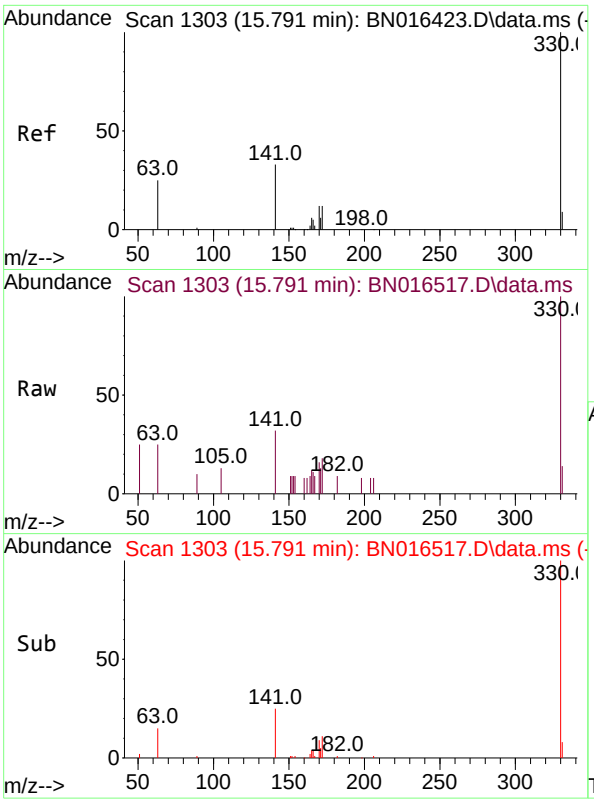
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:164 Resp: 8567

Ion	Ratio	Lower	Upper
164	100		
162	105.2	79.0	118.4
160	112.1	34.1	51.1#



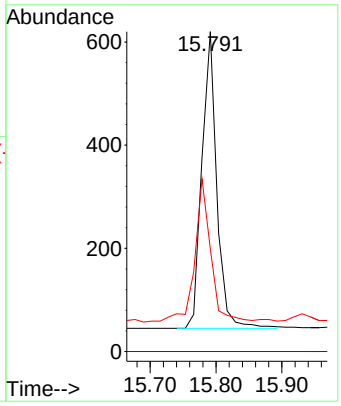
Instrument :
BNA_N
ClientSampleId :
RE126D3-20210920

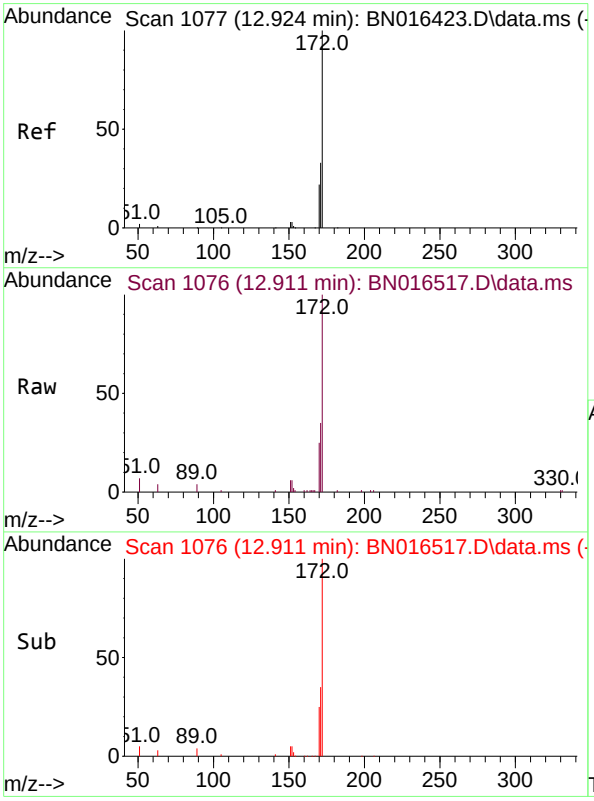


#14
2,4,6-Tribromophenol
Concen: 0.408 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:330 Resp: 904

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	49.6	25.0	37.4#

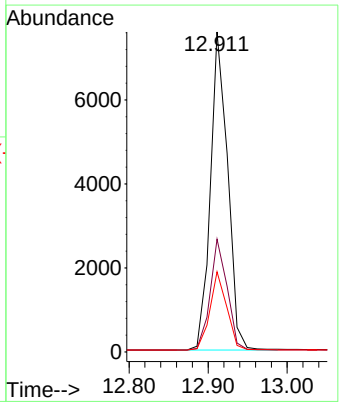




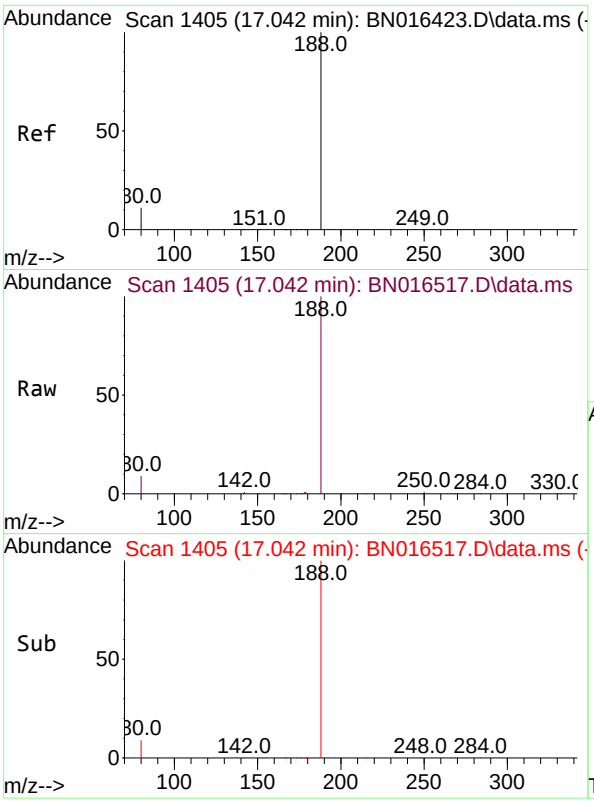
#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:172 Resp: 11451

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	25.0	18.2	27.2



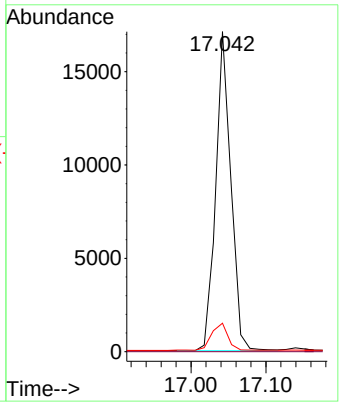
Instrument :
BNA_N
ClientSampleId :
RE126D3-20210920

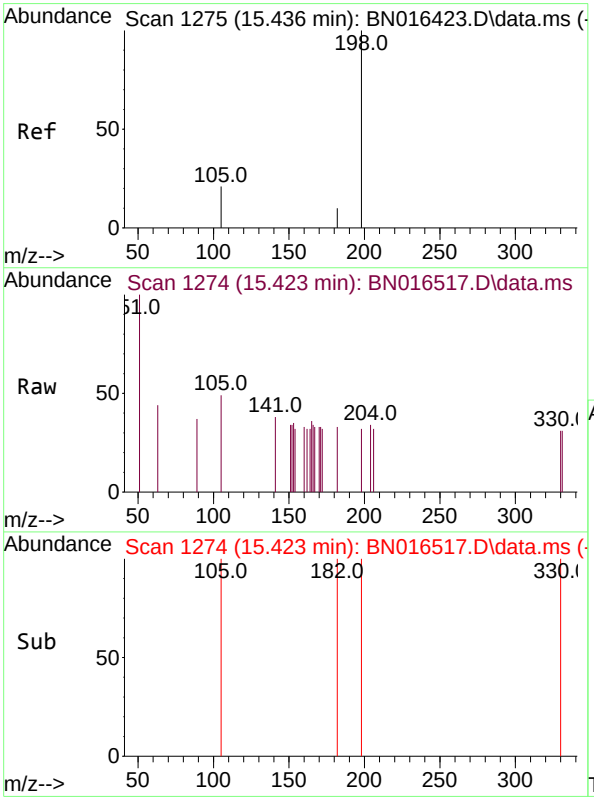


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:188 Resp: 24009

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.0	10.6

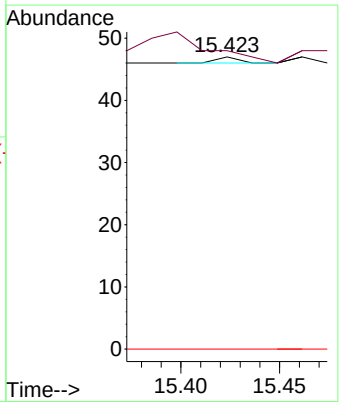




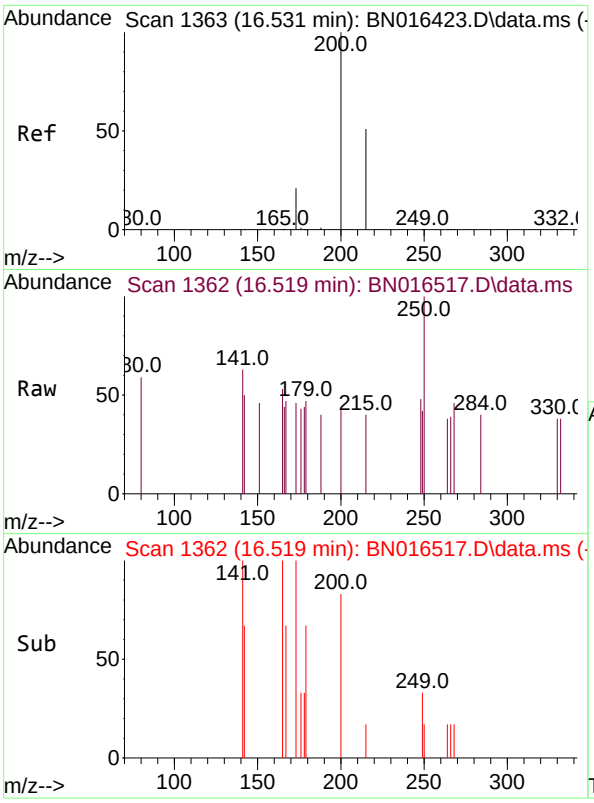
#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.423 min Scan# 1274
Delta R.T. -0.013 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
182	102.1	26.6	39.8#
77	0.0	0.0	0.0



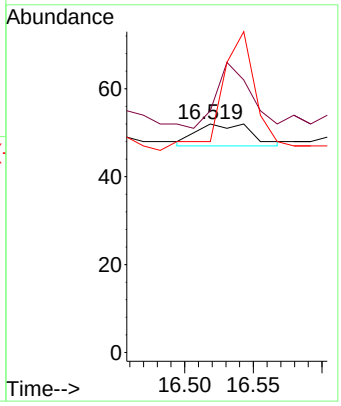
Instrument :
BNA_N
ClientSampleId :
RE126D3-20210920

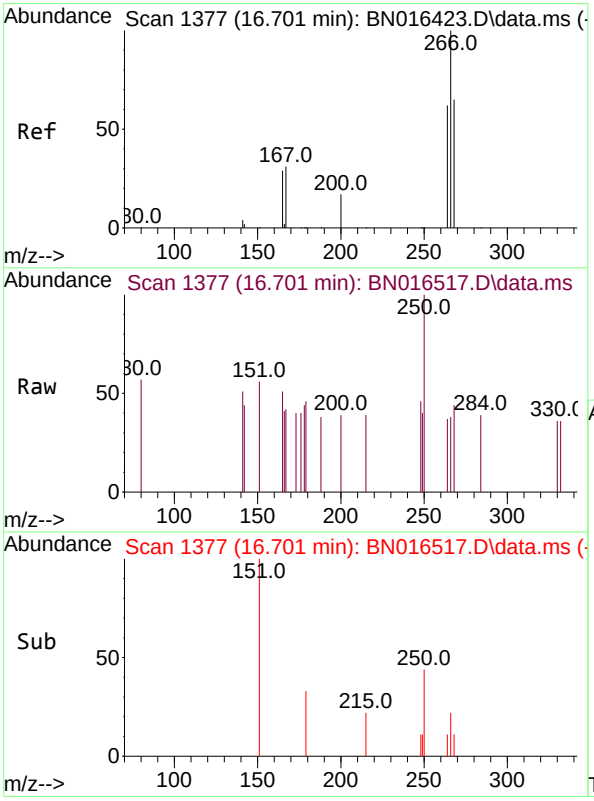


#23
Atrazine
Concen: 0.136 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:200 Resp: 14

Ion	Ratio	Lower	Upper
200	100		
173	105.8	18.7	28.1#
215	92.3	41.6	62.4#

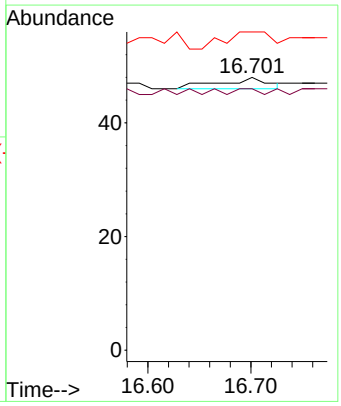


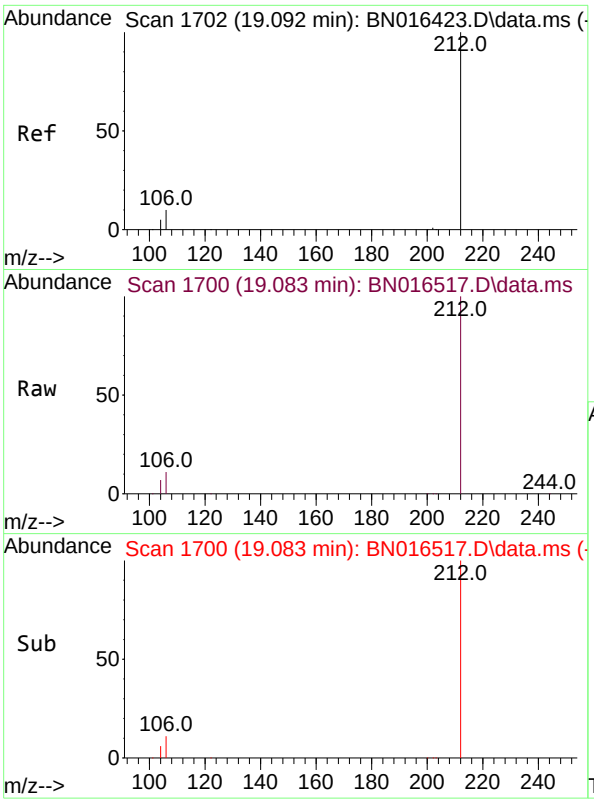


#24
Pentachlorophenol
Concen: 0.245 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:266 Resp: 7

Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.6	75.8#
268	128.6	52.6	79.0#

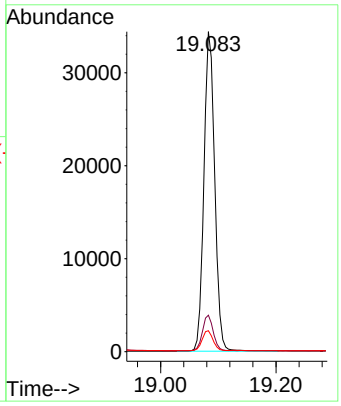




#27
Fluoranthene-d10
Concen: 0.674 ng
RT: 19.083 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:212 Resp: 44392

Ion	Ratio	Lower	Upper
212	100		
106	11.1	9.8	14.6
104	6.4	5.4	8.2



Instrument :
BNA_N
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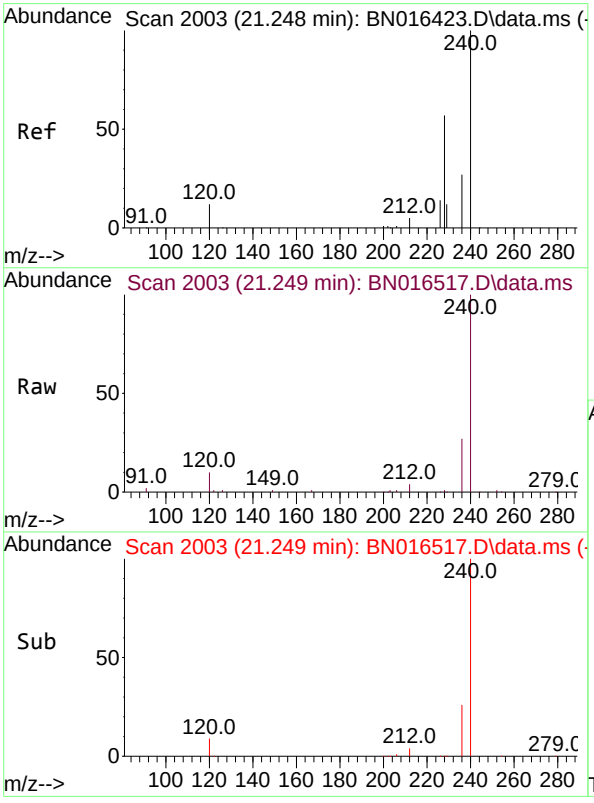
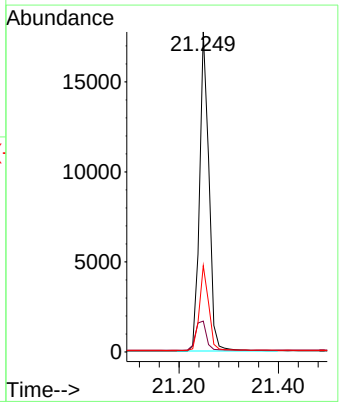
RE126D3-20210920

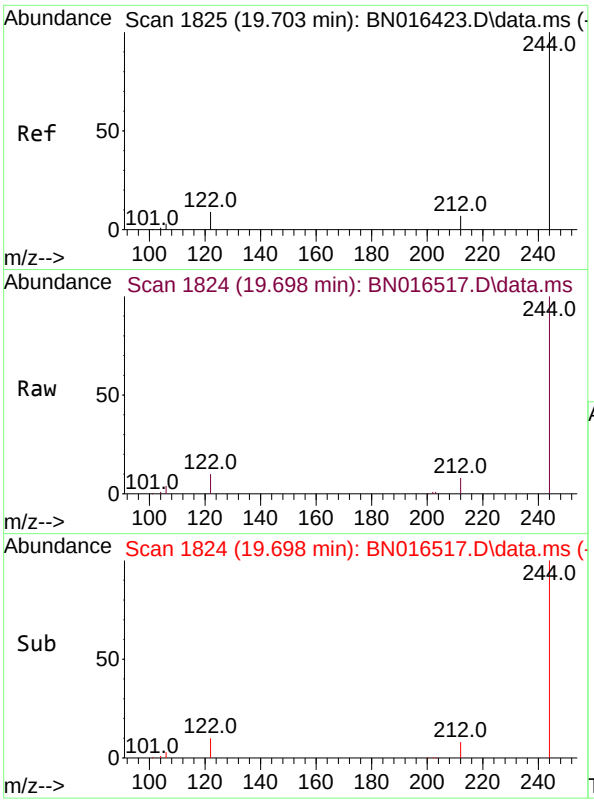


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:240 Resp: 23217

Ion	Ratio	Lower	Upper
240	100		
120	9.7	5.3	7.9#
236	26.9	19.8	29.8

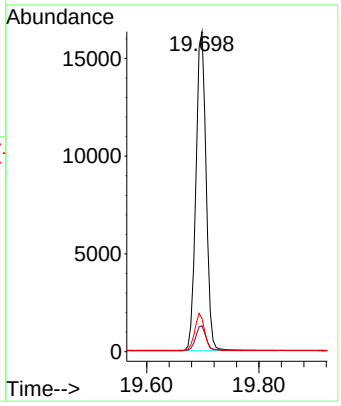




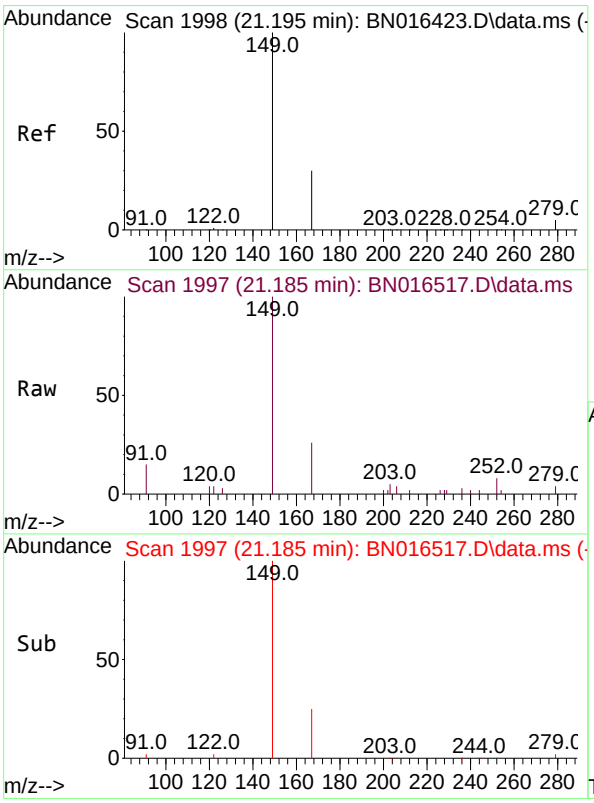
#31
Terphenyl-d14
Concen: 0.380 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:244 Resp: 20515

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.5	8.3
122	10.4	9.0	13.4



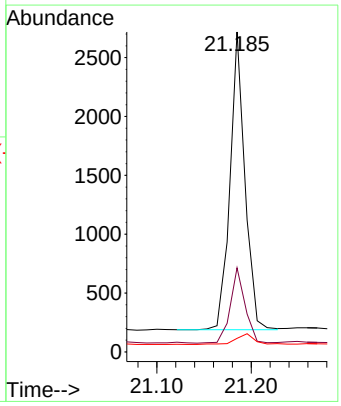
Instrument :
BNA_N
ClientSampleId :
RE126D3-20210920

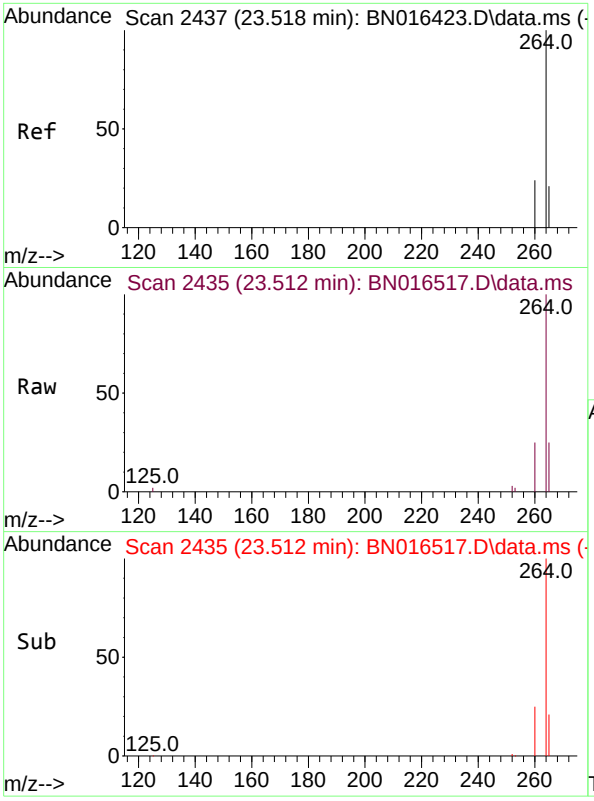


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.151 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:149 Resp: 2774

Ion	Ratio	Lower	Upper
149	100		
167	25.1	23.4	35.0
279	4.6	3.9	5.9

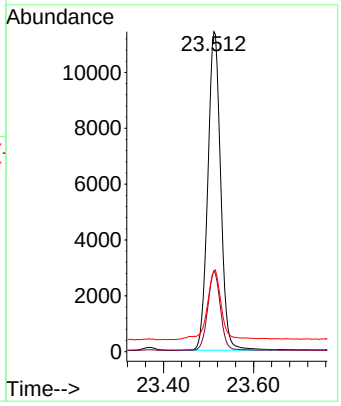




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.512 min Scan# 2435
Delta R.T. -0.007 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:264 Resp: 22548

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.9	28.3
265	25.2	23.7	35.5



Instrument :
BNA_N
ClientSampleId :
RE126D3-20210920