Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111224\
Data File : BE101576.D
Acq On : 12 Nov 2024 11:11
Operator : RC/JU
Sample : PB164886BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB164886BL

Quant Time: Nov 12 12:01:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 00:01:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	43722	20.000	ng	0.00
21) Naphthalene-d8	10.322	136	176416	20.000	ng	0.00
39) Acenaphthene-d10	14.165	164	107077	20.000	ng	0.00
64) Phenanthrene-d10	16.903	188	234410	20.000	ng	0.00
76) Chrysene-d12	21.069	240	303518	20.000	ng	0.00
86) Perylene-d12	23.348	264	454322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	377504	152.668	ng	0.00
7) Phenol-d6	6.932	99	456197	134.560	ng	-0.01
23) Nitrobenzene-d5	8.765	82	273748	98.014	ng	0.00
42) 2,4,6-Tribromophenol	15.675	330	251995	125.068	ng	0.00
45) 2-Fluorobiphenyl	12.790	172	676726	103.193	ng	0.00
79) Terphenyl-d14	19.500	244	1360432	99.217	ng	0.00
Target Compounds						Qvalue

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

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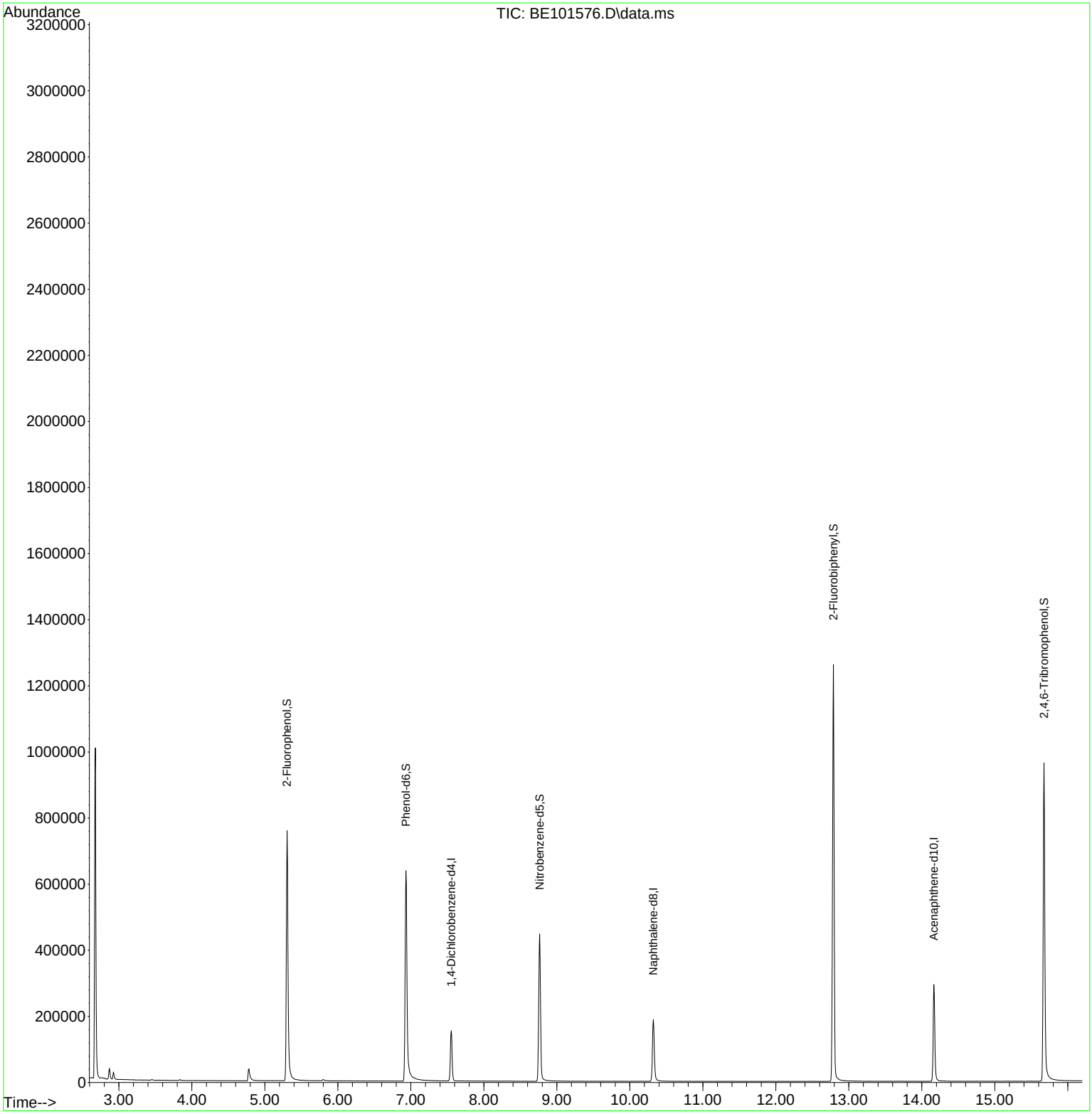

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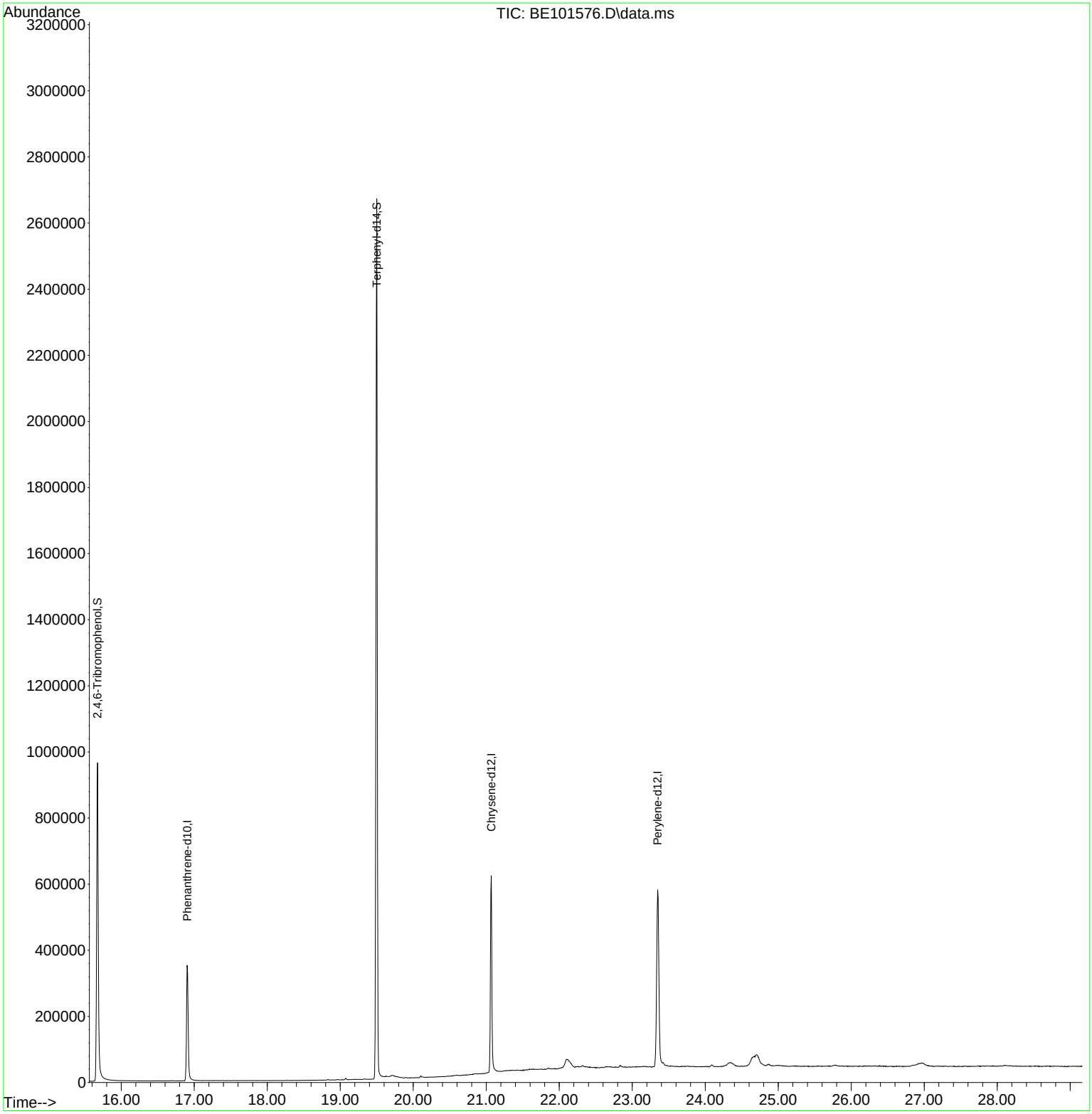
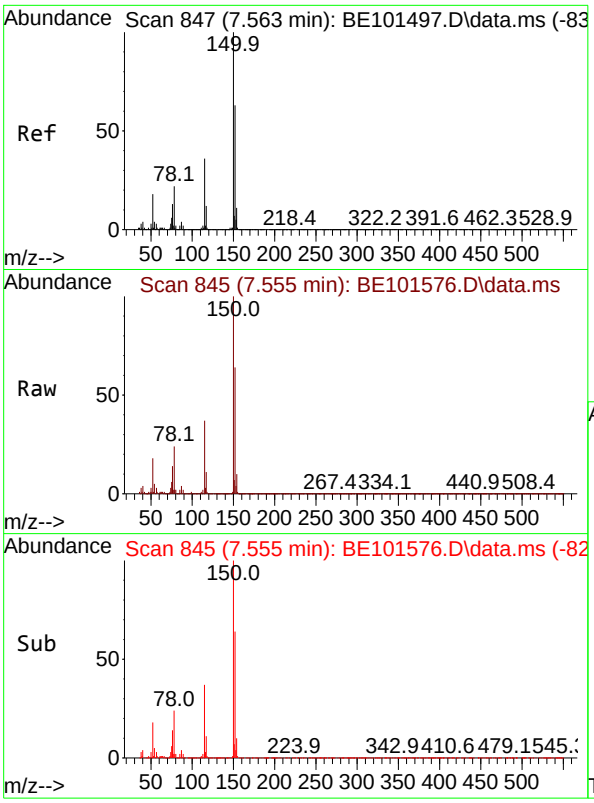


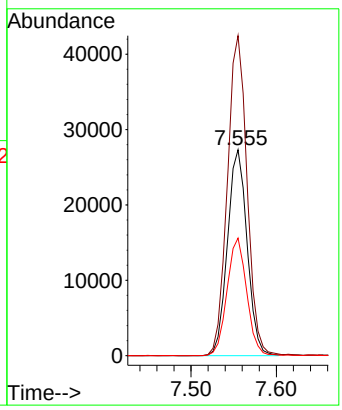


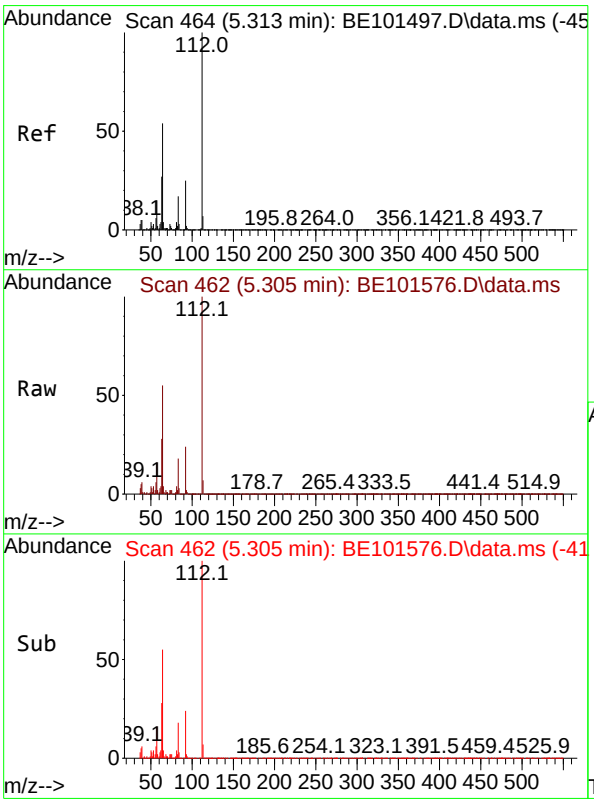
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.555 min Scan# 84
Delta R.T. -0.008 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

Instrument :
BNA_E
ClientSampleId :
PB164886BL

Tgt Ion:152 Resp: 43722

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.3	189.5
115	57.1	45.0	67.4

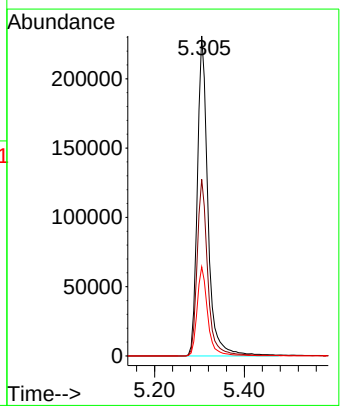


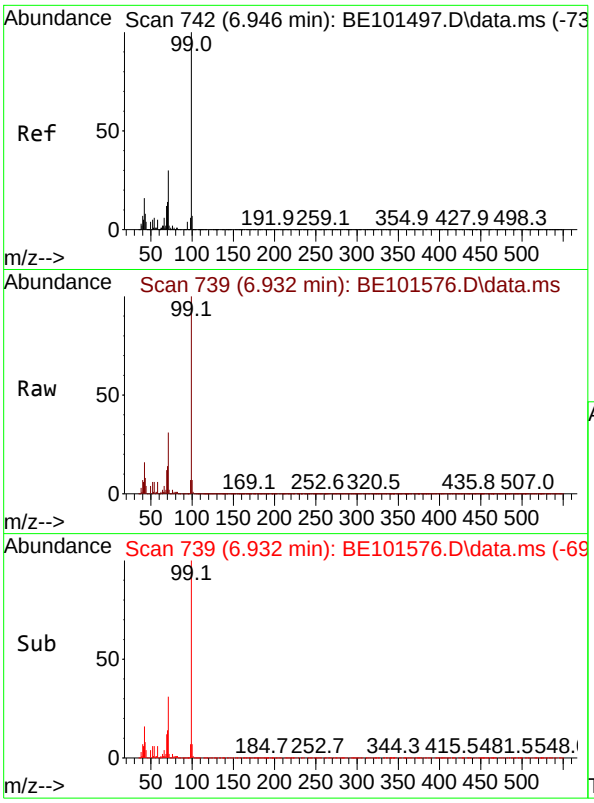


#5
2-Fluorophenol
Concen: 152.668 ng
RT: 5.305 min Scan# 462
Delta R.T. -0.008 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

Tgt Ion:112 Resp: 377504

Ion	Ratio	Lower	Upper
112	100		
64	55.2	43.2	64.8
63	27.9	21.8	32.6



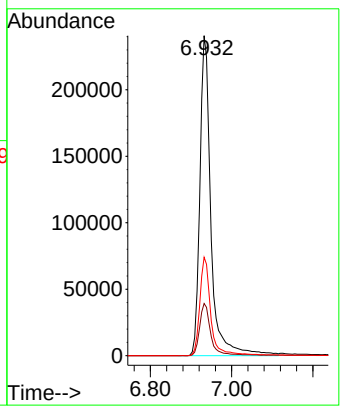


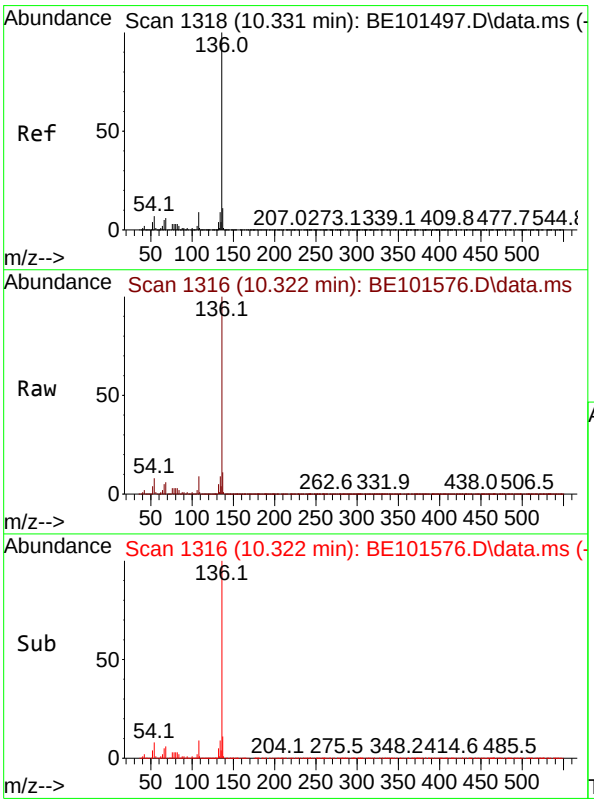
#7
Phenol-d6
Concen: 134.560 ng
RT: 6.932 min Scan# 7
Delta R.T. -0.014 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

Instrument :
BNA_E
ClientSampleId :
PB164886BL

Tgt Ion: 99 Resp: 456197

Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.5	18.7
71	30.8	24.2	36.2

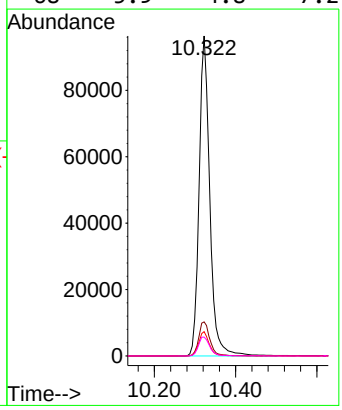


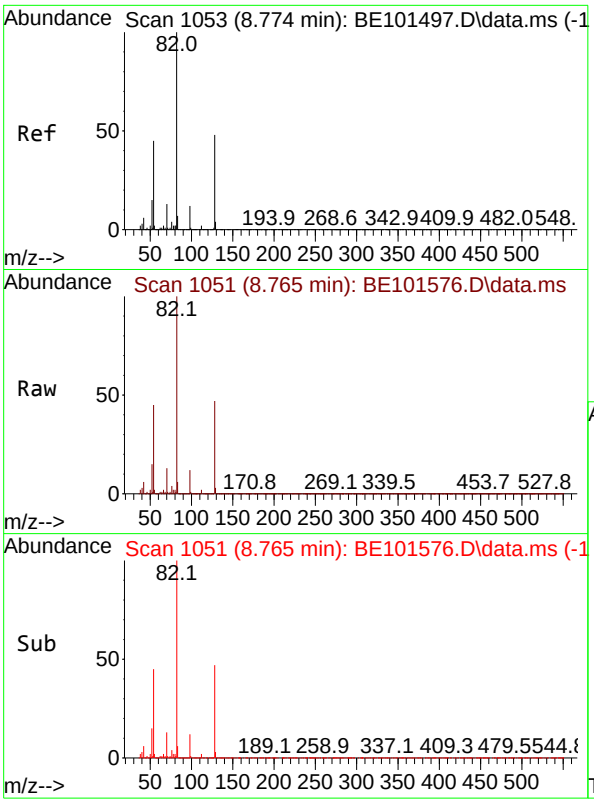


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.322 min Scan# 1316
Delta R.T. -0.008 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

Tgt Ion:136 Resp: 176416

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.6	5.6	8.4
68	5.9	4.8	7.2



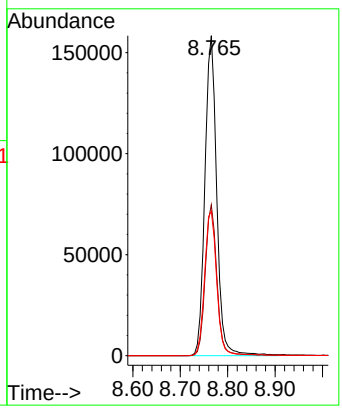


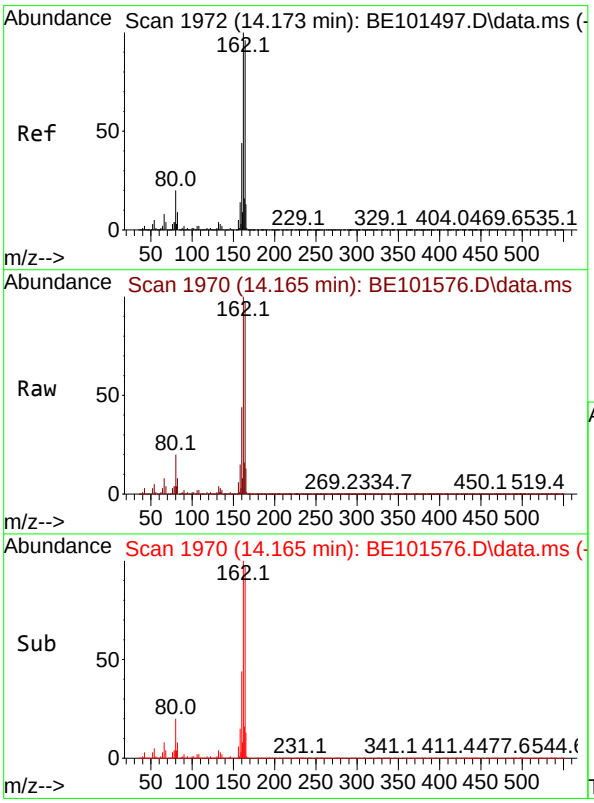
#23
Nitrobenzene-d5
Concen: 98.014 ng
RT: 8.765 min Scan# 1
Delta R.T. -0.008 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

Instrument :
BNA_E
ClientSampleId :
PB164886BL

Tgt Ion: 82 Resp: 273748

Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.6	58.0
54	45.2	36.3	54.5

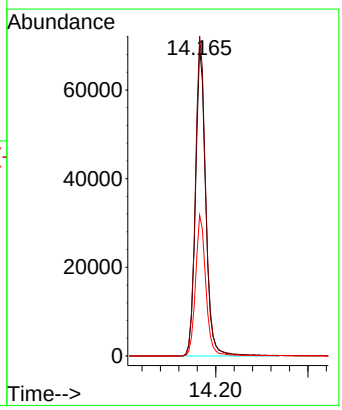


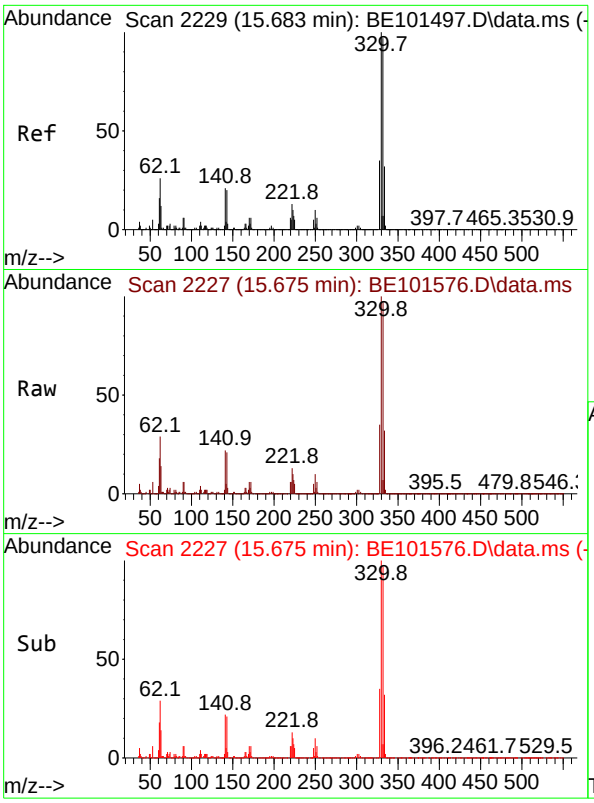


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.165 min Scan# 1970
Delta R.T. -0.008 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

Tgt Ion:164 Resp: 107077

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.7	125.5
160	45.5	37.1	55.7



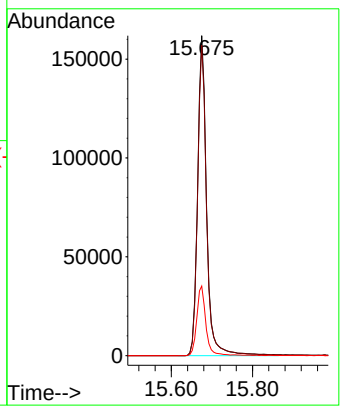


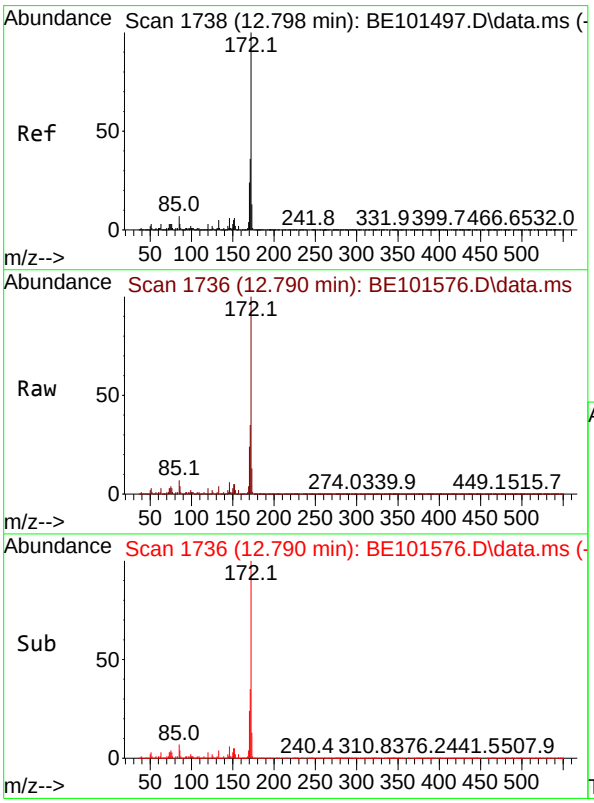
#42
2,4,6-Tribromophenol
Concen: 125.068 ng
RT: 15.675 min Scan# 2
Delta R.T. -0.008 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

Instrument :
BNA_E
ClientSampleId :
PB164886BL

Tgt Ion:330 Resp: 251995

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.7	116.5
141	21.9	17.0	25.4

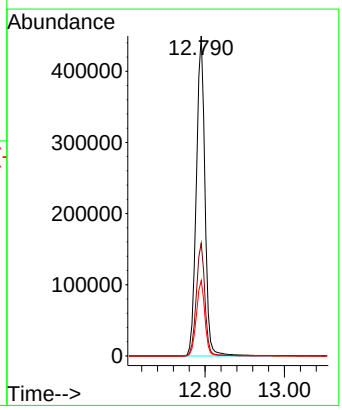


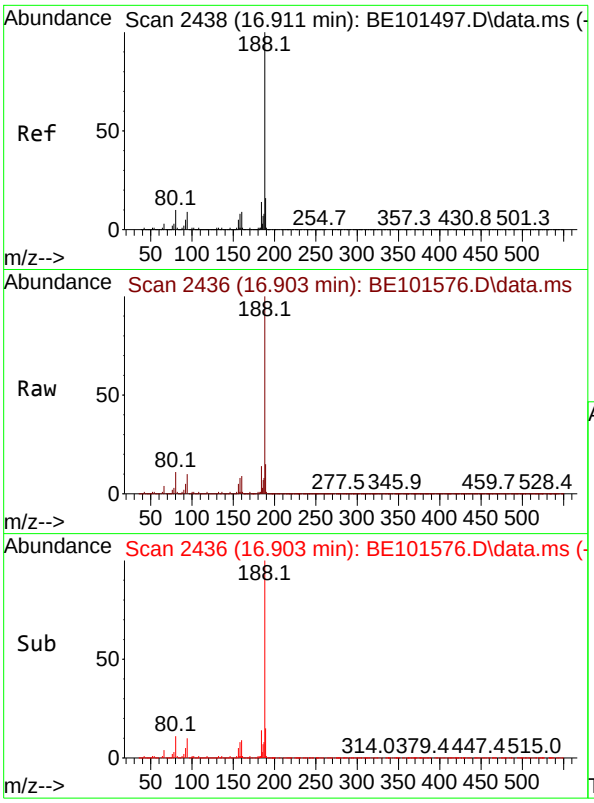


#45
2-Fluorobiphenyl
Concen: 103.193 ng
RT: 12.790 min Scan# 1736
Delta R.T. -0.008 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

Tgt Ion:172 Resp: 676726

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.6	18.9	28.3



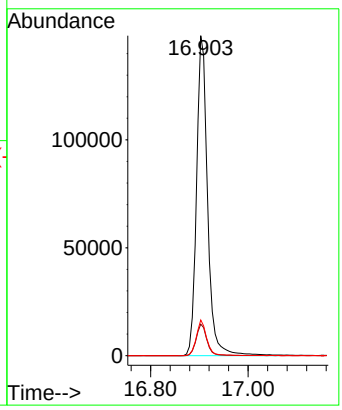


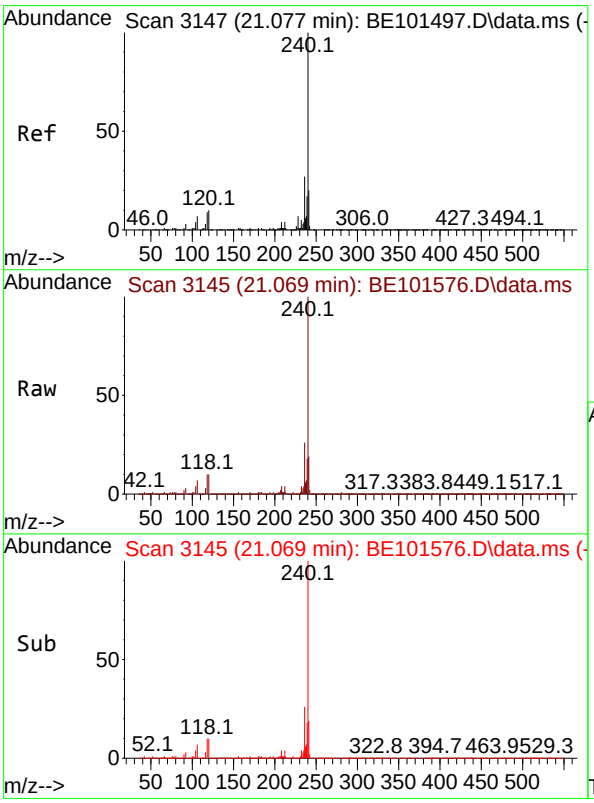
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.903 min Scan# 24
Delta R.T. -0.008 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

Instrument :
BNA_E
ClientSampleId :
PB164886BL

Tgt Ion:188 Resp: 234410

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.2
80	11.1	8.0	12.0

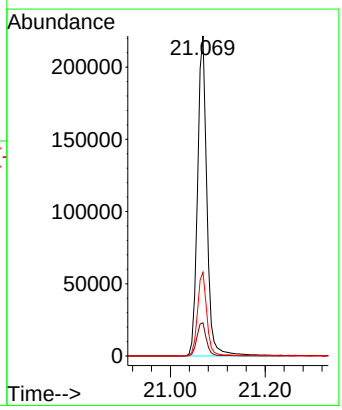


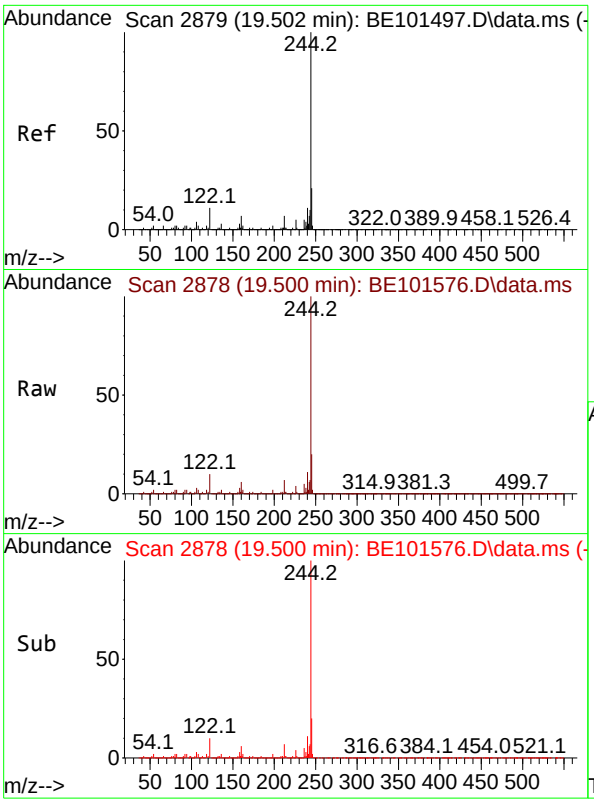


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.069 min Scan# 3145
Delta R.T. -0.008 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

Tgt Ion:240 Resp: 303518

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.2	12.4
236	26.1	21.4	32.2



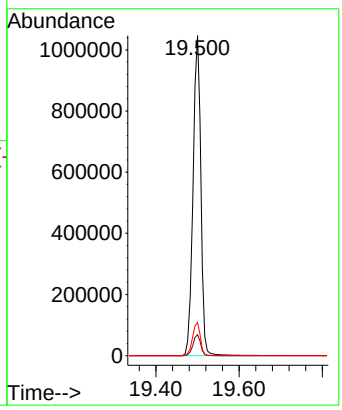


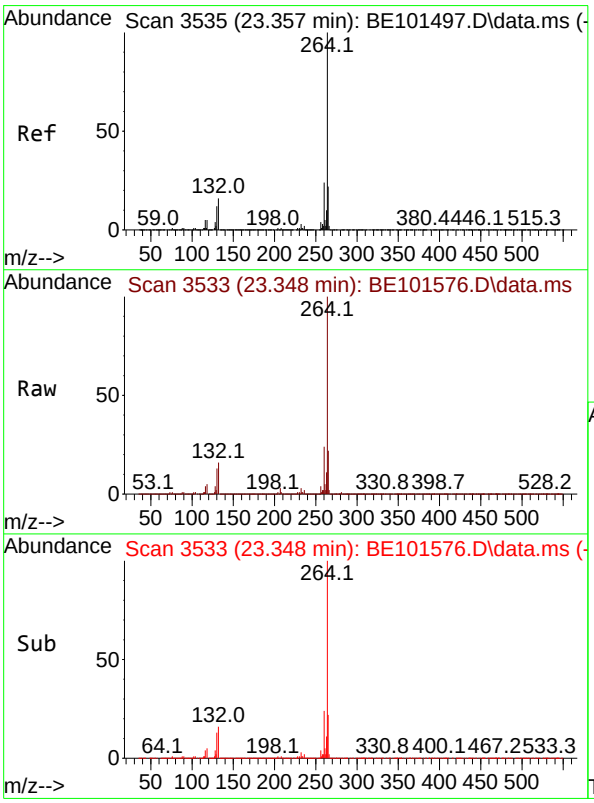
#79
Terphenyl-d14
Concen: 99.217 ng
RT: 19.500 min Scan# 2
Delta R.T. -0.002 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

Instrument :
BNA_E
ClientSampleId :
PB164886BL

Tgt Ion:244 Resp: 1360432

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.4	8.4	12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.348 min Scan# 3533
Delta R.T. -0.008 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

Tgt Ion:264 Resp: 454322

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.9	17.4	26.2